

GUIDE TO U.S. POT LAWS



HIGH TIMES

HIGH TIMES

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MAY 1989

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by Thomas Paine

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**ABBIE HOFFMAN
INTERVIEW**



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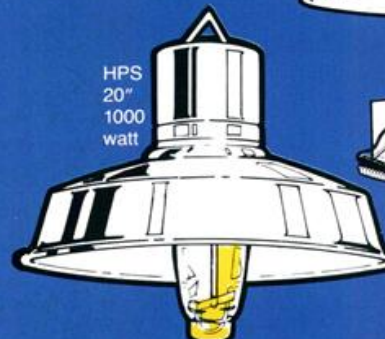
46" Super Reflective Aluminum Hood



20" Horizontal Super Reflective Hood



MH 14" 400 watt



HPS 20" 1000 watt



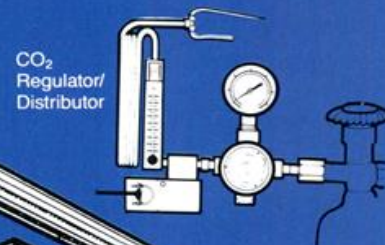
MH Deluxe Ballast



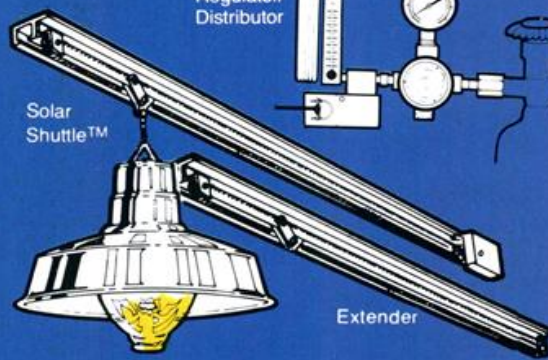
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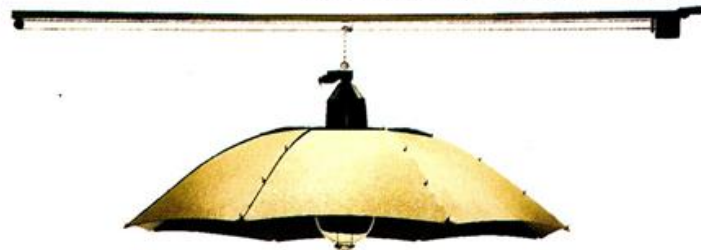
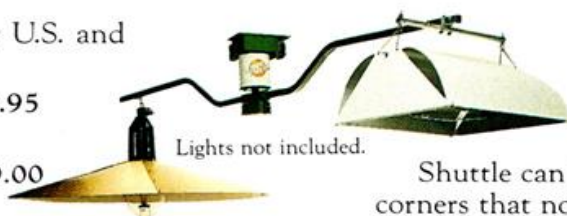


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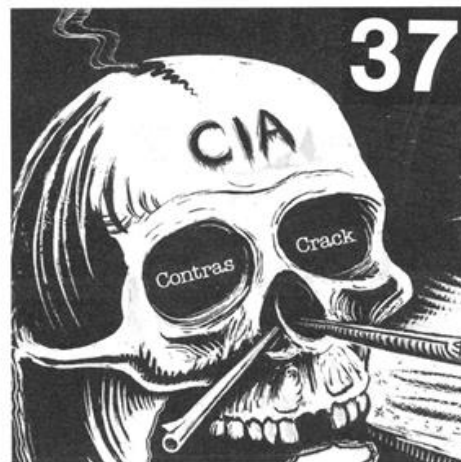
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On the cover: photograph by JB; lamb's bread and oil by Ace; model — Milix Reyes.



HIGH TIMES



PUBLISHER
ROBERT ARONSON
EDITOR-IN-CHIEF
STEVEN HAGER
EXECUTIVE EDITOR
JOHN HOLMSTROM
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JUDY MCGUIRE
CONTRIBUTING WRITERS
ED ROSENTHAL, CULTIVATION
STEVE BLOOM, NEWS
BRAM, INDOOR GROW
MIKE SAPPOL, COPY
ROBERT CONNELL CLARKE, NICK FLAMEL,
PETER GORMAN, RA JAMES,
DEAN LATIMER, AID MacSPADE,
JAMES MARSHALL, CARLO MCCORMICK,
KYLE ROQ, LOU STATHIS, MICHAEL WELDON
CONTRIBUTING ARTISTS AND PHOTOGRAPHERS
BRIAN SPAETH, DESIGN
ELIN WILDER, PHOTOS
DAVID ALLEN, ACE BACKWORDS, JOE BARTOS
ANDRE LEROY DAVIS, ERIC DROOKER, JOHN EDER,
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EILEEN POLK, JAMES ROMBERGER,
JEFF VAUGHAN, J.D. KING, CAPT. WHIZZO
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FOUNDING EDITOR
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PAGE SIX

I've always been a big fan of Gilbert Shelton's work, from Wonder Wart Hog to the Freak Brothers to *Feds 'N Heads*. So I'm not kidding when I say I'm especially proud to welcome the Fabulous Furry Freak Brothers back to the pages of HIGH TIMES.

This month, we're reprinting three adventures from Rip Off Press' *Freak Brothers Library*: the first-ever Freak Brothers comic, in which the Brothers are called "Those Loveable Furry Freak Brothers" and grow a giant pot plant; a two-page strip where "Computer Boy" takes over creating the strip; and "One Pizza With Mushrooms To Go." We'll be reprinting a few more of our favorite Freak Brothers comix in the next few issues, so stay tuned!

Although co-creators Gilbert Shelton and Paul Mavrides are currently too busy to produce new Fabulous Furry Freak Brothers comix for HIGH TIMES, we're hoping that enough of you will get in touch with Rip Off Press and order their Freak Brothers Libraries (Volumes One through Four, \$7.95 per book, \$2.00 handling, inside USA only from: Rip Off Press, Inc., P.O. Box 4686, Auburn, CA 95604) or their Mail Order Catalog (4 issues for \$1.00), so we can talk them into doing some new adventures for us.

JOHN HOLMSTROM

—John Holmstrom
Executive Editor

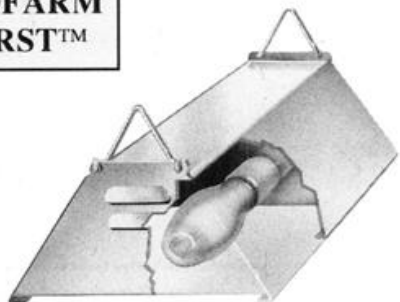




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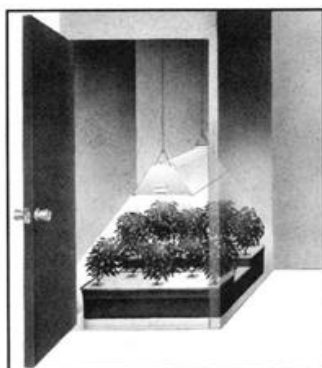
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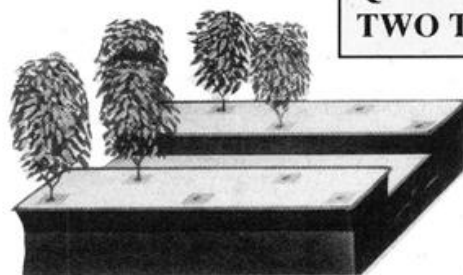
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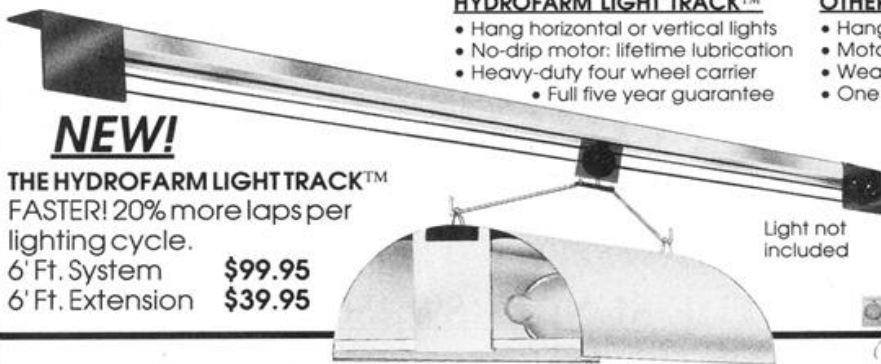
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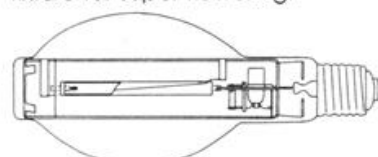
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Get more coverage with this rotating device that moves two lights in a full circle. Blend lights for optimum results. Exclusive horizontal hanger bars included at no extra charge. (Lights not included.)

One-arm Sun Circle **\$139.95** Three-arm Sun Circle **\$259.95**

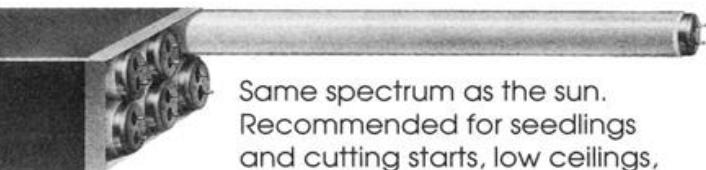
SODIUM CONVERSION BULBS

Simply screw one into your halide fixture for super flowering!



940 watt - for 1000 halide **\$137.95**
360 watt - for 400 halide **\$67.95**
220 watt - for 250 halide **\$67.95**
150 watt - for 175 halide **\$67.95**

CYLINDERS OF SUNLIGHT™



Same spectrum as the sun. Recommended for seedlings and cutting starts, low ceilings. Box of six 48" tubes **\$74.95**

CO₂ MEASUREMENT SYSTEM

- Calibrated Syringe
- Two Analyzer Tubes
- Instructions **\$19.95**



Extra CO₂ Analyzer Tubes
Pack of 2 **\$11.95**

NEW—IMPROVED!

HYDROFARM LIGHT METER

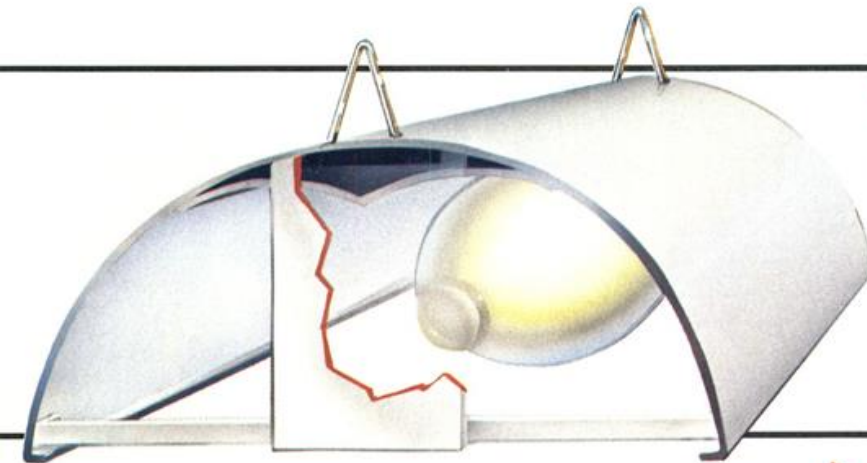
- Reads in footcandles for both fluorescent and high intensity lighting
- Checks for even light distribution
- Monitors aging bulb efficiency
- Comes with 30" extension probe and instructions **\$29.95**



**NEW 1989
COLOR
CATALOG
FREE!**

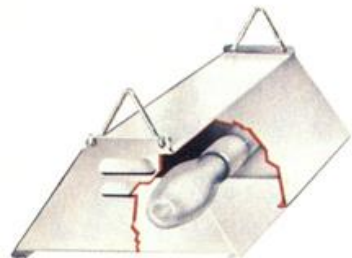
Other grower-proven **HYDROFARM** products also available (see catalog): • 45" Vertical Reflectors • Hydrofarm Cutting Concentrate + Starter kit • Grow and Bloom Nutrients • Air Cleaner • Digital pH Pen • Vent Fans • Geolite • Rockwool • Mylar, etc.

GROW WITH THE BEST



THE HYDROFARM GROW WING™ (pat. pend.)
Delivers more light intensity than any other reflector, horizontal or vertical!

- Horizontal system with double parabola design for the most efficient light reflection—**THE BEST!**
- Low profile for more vertical growing space
- Electro-white finish for permanent, uniform light distribution
- Strong steel construction for level lamp support
- Adjustable lamp position bracket
- **Safety-First** HYDROFARM wiring system.



MINI-HORIZONTAL

Choose 175 watt metal halide or 150 watt HPS system.

- Horizontal efficiency
- Built-in ballast
- Electro-white finish
- Ready to plug into any 120V outlet. **\$109.95**



BALLAST (Included)
Improved design with double-wall steel construction, front and rear bi-level louvers, all UL components.

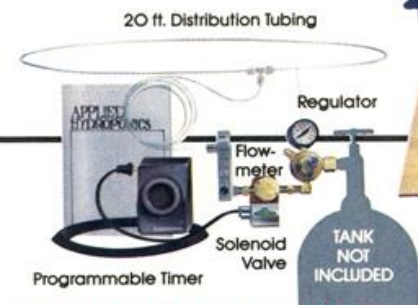
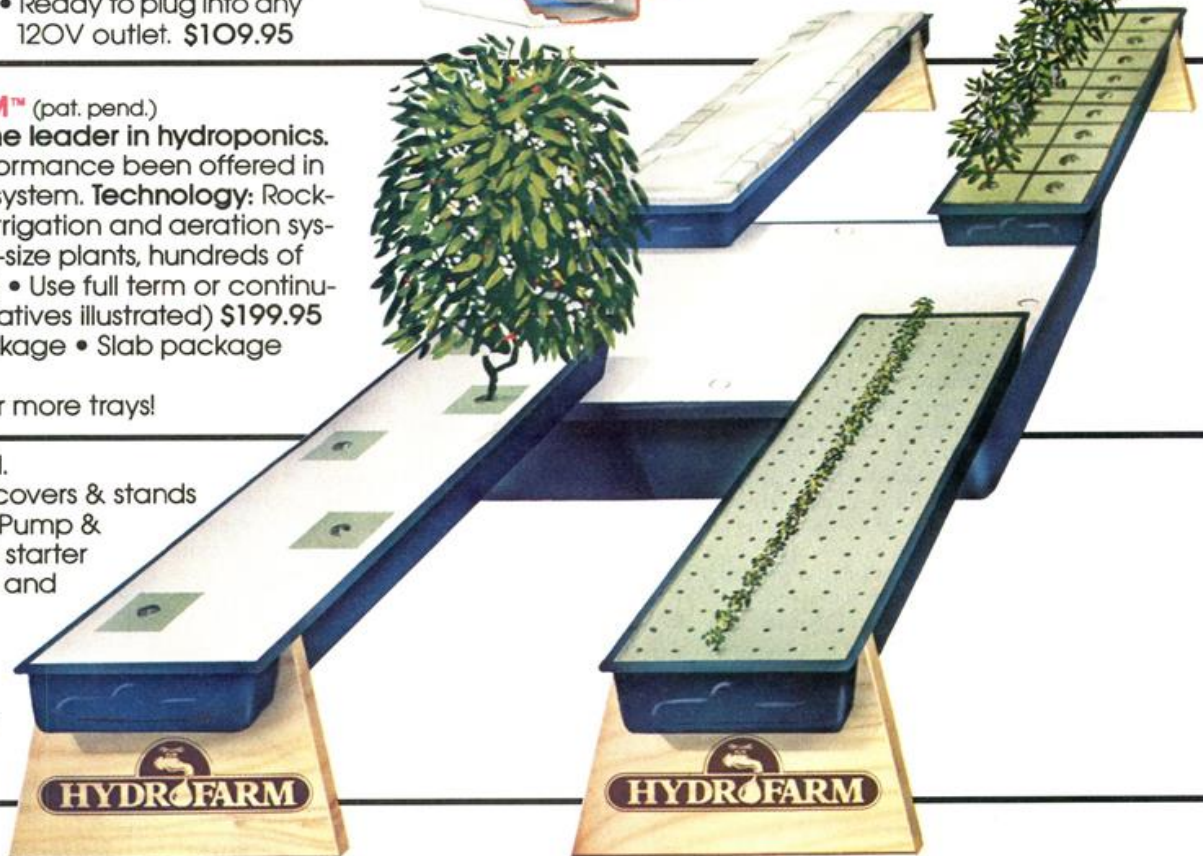
LIGHTING SYSTEMS

1000 MH	\$199.95
400 MH	149.95
1000 HPS	264.95
400 HPS	189.95

THE HYDROFARM QUANTUM™

(pat. pend.)
The next generation from the leader in hydroponics. Never before has peak performance been offered in such a reliable, easy-to-use system. **Technology:** Rockwool medium • Multi-ridge irrigation and aeration system. **Versatility:** Grow 20 full-size plants, hundreds of cuttings, or up to 600 starts! • Use full term or continuous harvest methods (alternatives illustrated) **\$199.95**
Options: **Ebb and Flow** package • Slab package • Geolite package.
Expansion: Add on up to four more trays!

Nothing extra to buy or build.
Comes with: • 4 grow trays, covers & stands
• 25 gal. reservoir & cover • Pump & irrigation system • Rockwool starter & growing cubes • Nutrients and complete instructions



HYDROFARM CO₂ SYSTEM

- Fertilize the air
- Double growth and flowering
- Unique programmable timing **\$149.95**

Only Applied Hydroponics offers:
Full 5-year product guarantee (bulbs, one year) • 30 day money-back guarantee • Factories (with showrooms) on both coasts
• Fastest delivery nationwide
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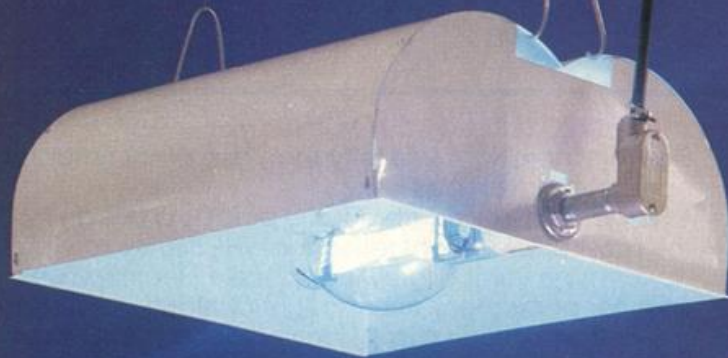


COD



CA & PA residents add 6% sales tax. All prices plus shipping.

MAX-89 "THE ULTIMATE HORIZONTAL"
89% increase in light output
 Double Arc, low profile, adjustable, electro-white ▼



Compare Quality & Price
 you are saving 5% to 40%

Heavy Duty Ballast ▶
 With 38 cooling louvers



Mini-Horizontal (20"X 10"X 6")
 ◀ Compact Yet Powerful



CO₂ Enrichment System

HAMILTON'S GROW LIGHTS ARE THE NEW #1 IN THE U.S.A.

Only Hamilton has been honored for having its Horizontal Lighting Systems exhibited at the 1988 Hydroponic Society of America convention

A good grow light is the key to your indoor growing success

It is well known that Metal Halide and High Pressure Sodium full spectrum lights, especially in a horizontal system, are the best lights to promote good plant growth and to increase bud and flower production. All other lighting systems including fluorescent are too weak to supply enough light for budding and flowering.

How to get maximum light output

Hamilton has perfected the ultimate horizontal reflector: **Max 89**. The unique double arc "v" design and the super reflective finish of **Max 89** give a remarkable **89% increase in light output** over vertical mounted lights. It is not possible to design a reflector that can give more light than **Max 89**. Its ventilation design assures a longer bulb life. Every **Max 89** has an adjustment feature which allows you to regulate light to meet the requirements of your growing area with either more concentrated or more diffused light. **Max 89** has a low profile design that actually leaves more vertical space for plant growth.

Percentage of light output increase

Hamilton Technology	89%
Max 89™	
Hamilton Technology	68%
Mini-Horizontal	

Better safe than sorry

Many poorly designed lighting systems become fire hazards with increased use. Hamilton's UL approved heavy-duty, high temperature resistant lamp cords are not only 220° F./600 volt but have an "STO" safety and durability rating. For utmost safety, lamp cords are connected 4" away from the socket in a protective junction box to prevent fire from lamp heat build up.

MH250 Mini-Professional System

The most powerful mini-horizontal on the market (reg. \$148) **Sale \$119.95**

Mini-Horizontal MH175 or HPS150

Compact (built-in ballast), powerful & economical. Ideal for small growing areas, side lighting, and cuttings (reg. \$119) **only \$95.00**

How to get highest quality products

Our UL approved ballast components are mounted on a heavy 14 gauge steel panel with strong studs to insure whisper-quiet performance and durability. The single heavy panel acts as an excellent heat dissipator, unlike thin, double-walled heat traps that vibrate and echo irritating noise. The 3-way, 38 bi-level louvered enclosure gives maximum cooling air flow for longer ballast life. These louvers give better protection against water splash and dirt entry than screen or slot type systems. Our ballasts come with a rust protective white finish.

Comparison of Ballast Enclosure

Hamilton Technology

38 bi-level louvers, 3 way

Competitor A

12 louvers

Competitor B (no louvers, slot type)

NEW! Conversion HPS Bulbs that

work in Metal Halide Systems

Convert your existing Metal Halide System into High Pressure Sodium by simply changing a bulb.

1000w \$129.50 - 400w \$59.50 - 175w \$57.50

Best value at Hamilton

Hamilton offers quality products at the lowest prices. Why should you pay inflated prices for inferior products? Order from our large selection of light and hydroponic systems. **On page 12**

★ see ad on page 12 ★

COMPARE PRICE & SAVE WITH HAMILTON

Metal Halide 1000w from \$139.95 to \$179.95
Metal Halide 400w Deluxe \$133.95
Combination MH 400w/HPS 400w \$299.00
High Pressure Sodium 1000w Deluxe \$255.95
High Pressure Sodium 400w Deluxe \$174.95
Mini-Horizontal MH 175w or HPS 150w \$95.00

CO₂ Enrichment System

Increasing CO₂ in the air speeds plant growth dramatically and doubles budding and flowering. Fully assembled unit includes: Regulator, Gauge, Solenoid Valve, FlowMeter, Tubing, Instructions. (Timer optional \$7) **Sale \$129.95**

Satisfaction guaranteed

Order from Hamilton with confidence that our systems are of exceptional quality, performance and value. Our light systems will perform beyond your greatest expectations. We fully guarantee your complete satisfaction with our **30-day money back policy**. Our lighting systems are **guaranteed for 5 years** (bulb 1 year).

Fast COD or Credit Card delivery by UPS anywhere. Large inventory. Now... Shipping in 24 hours.

TO ORDER TODAY CALL:

(800) 458-7474

HAMILTON TECHNOLOGY CORP.

14902 S. Figueroa St., Gardena, CA 90248

LOS ANGELES CUSTOMERS:

Buy direct from factory (213) 217-1191

14902 S. Figueroa St., Gardena, CA.



METAL HALIDE COMPLETE GROWLIGHT SYSTEMS

1000 WATT SYSTEMS

DELUXE - 46" round or parabolic	
20" horizontal	184.50
STANDARD - 18" White Enamel Reflector	167.50
ECONOMY - 2'x3' Polished Aluminum Reflector	144.50
To upgrade to a 125,000 lumen-12,000 hour Superbulb	Add 15.00
Phosphorous coated bulbs	Add 6.00

400 WATT SYSTEMS

DELUXE - 14" White Enamel Reflector	134.50
STANDARD - 14" White Enamel Reflector	124.50
ECONOMY - 2'x3' Polished Aluminum Reflector	109.50
To upgrade to a 40,000 lumen-20,000 hour Superbulb	Add 10.00
Phosphorous coated bulbs	Add 6.00

MINI-MIGHT METAL HALIDE 175 WATT

99.00

HIGH PRESSURE SODIUM COMPLETE GROWLIGHT SYSTEMS

DELUXE 1000 Watt - 46" round or parabolic 20" horizontal	269.50
DELUXE 400 Watt - 14" Reflector	189.50
MINI-MIGHT 150 Watt (16,000 lumens)	99.00

LOW PRESSURE SODIUM COMPLETE GROWLIGHT SYSTEMS

DELUXE 180 Watt Low Pressure Sodium Light	195.00
-------------------------------------------	--------

LIGHT MOVERS

6" Solar Shuttle	99.00
6" Solar Shuttle Extender	39.95
Solar Shuttle Motor	22.00
Whirling Light Turret	119.00
Sun Circle Light Rotator 360°	
One revolution every 40 minutes.	
1 Arm	139.00
2 Arm	199.00
3 Arm	256.00

TIMERS

Paragon 15 amp/120 volt	14.95
Dayton 15 amp/120 volt	19.95
Dayton 40 amp/120 volt	37.95
Dayton 40 amp/240 volt	39.95
Cycle Timer 1-60 min. on/off	79.00

BULBS

METAL HALIDE BULBS

M175 - 15,000 lumens-20,000 hours	29.00
M400 - 34,000 lumens-20,000 hours	36.95
MS400 - 40,000 lumens-20,000 hours	45.95
M1000 - 110,000 lumens-12,000 hours	54.95
MS1000 - 125,000 lumens-12,000 hours	69.95
Phosphorous Coated Bulbs	Add 6.00

HIGH PRESSURE SODIUM CONVERSION BULBS

Now available. An energy saving sodium bulb that runs off your existing Metal Halide ballast.	
175w - 15,000 lumens-24,000 hours	59.00
400w - 50,000 lumens-24,000 hours	69.00
1000w - 140,000 lumens-24,000 hours	139.00

HIGH PRESSURE SODIUM BULBS

LU150 - 16,000 lumens-24,000 hours	39.00
LU400 - 50,000 lumens-24,000 hours	52.95
LU1000 - 140,000 lumens-24,000 hours	94.95

LOW PRESSURE SODIUM BULBS

180 Watt - 33,000 lumens-24,000 hours	95.00
---------------------------------------	-------

We're celebrating our 10th Anniversary with a 5% discount on all items. Plus a 5 year warranty on all lighting systems. (One year warranty on bulbs.)

VITA LITE

4-ft. power twist, 40 Watt	13.95
Case of six	75.00

REFLECTORS

(complete with socket and cord)

46" polished aluminum or white	49.00
20" horizontal	49.00
20" adjustable white	40.00
18" white	30.00
14" white	25.00
48" Parabolic hood	49.00
4"x4" square polished aluminum	115.00
5"x5" square polished aluminum	130.00

BALLASTS

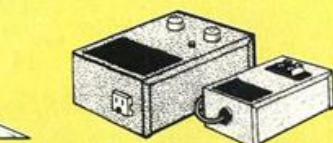
Metal Halide Ballasts (110v or 220v available)	
Deluxe 1000w (includes power supply)	115.00
Stan. 1000w	105.00
Econ. 1000w (uncovered)	97.00
Deluxe 400w (includes power supply)	95.00
Stan. 400w	85.00
Economy 400w (uncovered)	70.00
Ballast cover	10.00
High Pressure Sodium Ballasts (110v or 220v avail.)	
Deluxe 1000w	170.50
Deluxe 400w	125.50

HYDROPONIC SYSTEMS

4 unit hydrospot	208.00
8 unit hydrospot	295.00
Each additional hydrospot	16.00

SUBMERSIBLE PUMPS

#2P495-120 GPH	37.95
#1P553-140 GPH	39.95
#1P321-300 GPH	56.95

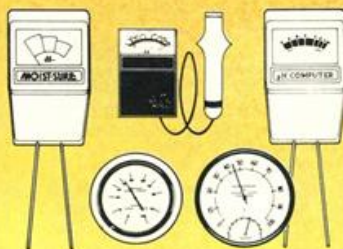


SURGE SURVIVAL SYSTEM

Command Module with one Remote	
Module (120 or 240 volts)	139.00
Additional Remote Modules (120 or 240 volts)	ea. 45.00

METERS

PH Digital Meter	75.00
Dissolved Solids Digital Meter	75.00
Light Intensity Meter	24.99
Plant Computer	19.95
PH Computer	19.95
Soil Salts Meter	20.99
Moisture Meter	11.95
MIN/MAX Thermometer	32.95
Taylor 4" Barometer	39.95
Fertilizer Analyzer	20.99
Humidity Gauge	21.95
Deluxe Humidity and Temperature Gauge	36.95
CO ₂ Gas Detector System (2 analyzer tubes incl.)	19.95
CO ₂ Analyzer Tubes	3.75
CO ₂ Tester	8.99



SOIL AND LIQUID TESTERS

Sudbury Soil Test Kit (Tests Ph, N, P, K)	14.95
Sudbury Soil PH Tester	3.99
Tetra Test Liquid PH Tester	3.95
Wardley Jr. Liquid PH Tester	3.95
Wardley Sr. PH Test Kit	5.99
Penn Plax Test Strip for Liquid PH	2.75

FANS AND BLOWERS

Ventilator fan with Thermostat (14" 900 CFM)	69.95
Squirrel Cage-15 CFM	21.95
Squirrel Cage-50 CFM	29.95
Squirrel Cage-100 CFM	43.95
Squirrel Cage-160 CFM	54.95
Squirrel Cage-200 CFM	69.95
Squirrel Cage-265 CFM	69.95
Squirrel Cage-320 CFM	74.95
Squirrel Cage-465 CFM	79.95
Squirrel Cage-525 CFM	89.95
Squirrel Cage-960 CFM	159.95
Thermostat	19.95
Auto Flo Humidistat	34.95

CO₂ SYSTEMS

CO ₂ Regulator/Distributor	139.00
E.S.U. CO ₂ Generator (up to 500 sq. ft.)	324.00
Johnson CO ₂ Generator (up to 4800 sq. ft.)	499.00

CHARCOAL FILTER SYSTEMS

Skunk Buster #100	109.00
Skunk Buster #200	169.00
Skunk Buster #400	225.00

NEGATIVE ION GENERATORS

Airease	49.95
Pulsair	99.00



GROWING SUPPLIES

Mylar (Double-sided 99% reflectivity)	
4"x50' roll	29.00
4"x100' roll	49.00
Mini Grow House	14.95
Rock Wool	
2"x2" Cubes	20
3"x3" Cubes	39
3"x4" Cubes	49
40 lb. Bale	39.00
Rock Wool Slabs	
3"x6"x3"	4.99
3"x8"x3"	6.99
3"x12"x3"	10.99
Grow Bags	
2 Gallon Grow Bag	39
5 Gallon Grow Bag	59
7 Gallon Grow Bag	65
10 Gallon Grow Bag	69
Alka Liche	
1 quart	6.95
1 gallon	16.99
Safer Soap Insect Spray	
8 oz. spray	2.99
8 oz. concentrate	6.75
Rootone Hormone Rooting Powder (4 oz.)	1.69
Jiffy 7 Peat Pellets (2 doz.)	2.40
Wilt Pruf Plant Protector (Keeps leaves from burning)	
14 oz. Spray	5.49
1 pint concentrate	8.99

BLACK GOLD FERTILIZER

All Organic 1.5 cu. ft.	8.99
Pure Earthworm Castings 20 quarts	13.95

NUTRIENTS

Greenleaves All Purpose Liquid Nutrient - ideal for all stages of growth. Use with soil or hydroponic systems.	
12 oz. bottle	3.95
1 gallon	19.95
Super Bloom Liquid Greenleaves 10-40-10	
12 oz. bottle	5.95
1 gallon	24.95
E.S.U. Dry Concentrate - concentrated water soluble fertilizer, 1 teasp. per gallon, 1 pound makes 100 gallons.	
Grow (20-6-16) Bloom (9-21-12) All Purpose (16-12-16)	
8 oz.	3.95
5 lbs.	19.95
25 lbs.	79.00

ROOTING FORMULA

Great Roots - Super liquid rooting formula (with rooting hormones and minerals) 2 part	
13 oz. total	14.95

BOOKS

Gardening Indoors	14.95
Beginning Hydroponics	7.95
Hydroponic Gardening	7.95
Hydroponic Food Production	24.95

INDUSTRIAL CATALOG

(\$5.00 refunded with first order from catalog)	5.00
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IndoorSun



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THE SECRET OF SUCCESSFUL INDOOR GROWING

the easy Hamilton way...

Grow bigger, healthier plants faster.

PROVEN RESULTS: Metal halide and high pressure sodium lights create the highest intensity, best quality sun's full spectrum - indoors. Fluorescent systems are weak, inefficient and do not give your plants enough light lumens for good growth and flowering.

COMPARE & SAVE!

Highest quality products at lowest prices

METAL HALIDE: Best for fast plant growth.

SALE
MH 1000 Watt Deluxe System (Reg. \$238) **\$179.95**
Choice of 24" Horizontal, 48" Parabolic, or MAX-89 reflector. High quality, assembled, QUIET, ventilated ballast box with GROUNDED 6-OUTLET, ON-OFF CONTROL, 15Amp. PROTECTIVE CIRCUIT BREAKER: 20' lamp cord; high lumen output, 12,000 hr. bulb. (Option: Upgrade to G.E. Multi-Vapor with best spectrum, add \$14.00).

MH 1000 Watt Basic System (Reg. \$182) **\$139.95**
High quality, assembled, QUIET, open ballast; 20' lamp cord; socket; high lumen output, 12,000 hr. bulb. (Option: Upgrade to G.E. Multi-Vapor with best spectrum, add \$14.00).

MH 400 Watt Deluxe System Ideal for small area up to 4'x4' (Reg. \$151) **\$133.95**
24" Horizontal reflector (for MAX-89 or 48" Parabolic add \$9.95). High quality, assembled, QUIET, ventilated ballast box; 20' lamp cord; 36,000 lumen/20,000 hr. bulb. (Option: Upgrade to G.E. Multi-Vapor with best spectrum add \$10.00).

MH 250 Watt Mini-Professional System For 3'x3' area (Reg. \$148) **\$119.95**
Compact, most powerful mini-horizontal, built-in ballast, 68% more efficient than vertical systems, economical to operate. (HPS 250w Conversion bulb available)

HIGH PRESSURE SODIUM: Increases budding & flowering

HPS 1000 Watt Deluxe System (Reg. \$317) **\$255.95**
Choice of: 24" Horizontal, 48" Parabolic, or MAX-89 reflector. High quality, assembled, QUIET, ventilated ballast box; 20' lamp cord; 5KV socket; 140,000 lumen/24,000 hr. bulb. Our most powerful light for flowering.

HPS 400 Watt Deluxe System (Reg. \$215) **\$174.95**
24" Horizontal reflector (for MAX-89, or 48" Parabolic add \$9.95). High quality, assembled, QUIET, ventilated ballast box; 20' lamp cord; 50,000 lumen/24,000 hr. bulb.

MINI-HORIZONTAL: MH 175w OR HPS 150w (Reg. \$119) **\$95.00**
Compact yet powerful, 20" X 10" X 6", electro-white, built-in ballast, economical to operate.

COMBINATION MH/HPS SYSTEM: Perfectly blended lights

Combo MH 400 / HPS 400 Deluxe System (Reg. \$378) **\$299.00**
MH 400 & HPS 400 bulbs under a 24" Horizontal Reflector; QUIET, remote ballasts. (For MAX-89 reflector add \$9.95) (For Combo MH 1000 / HPS 400 Deluxe add \$69.00).

Combo MH 1000 / HPS 1000 MAX-89 System (Reg. \$542) **\$425.95**
Two 1000w bulbs under MAX-89 reflector; QUIET, remote ballasts, etc. Our best system.

Grounded Light Timer, heavy duty, 15 Amp (Reg. \$20) **\$14.50**

LIGHT MOVERS: More light coverage to grow more plants.

Motorized Lite Track™-Double your light coverage. (Reg. \$99) **\$93.95**
Best single light mover; 6' track; covers up to 8'X10'. (EXTENDER for 2nd light \$38.95)

SunCircle2™-Increases flowering by blending MH&HPS (Reg. \$199) **\$187.95**
Two lights rotate continuously in full circle; coverage: 8'X8' up to 12'X12'.

SunCircle3™-Eliminates hot and dark spots (Reg. \$269) **\$245.00**
Three lights rotate continuously in full circle; coverage: 10'X10' up to 15'X15'.

HYDROPONICS: Our customers say their plant yields are three times greater and two times faster with Hamilton's automated "flood / drain" HYDROPRO system. Roots are provided maximum direct nutrition and aeration without soil. No soil pests, no soil odors, no weeding!

HYDROPRO SINGLE™: Ideal for 4 adult plants; min 2'X2' area (Reg. \$84) **\$68.95**
Includes: pump, grow & bloom nutrients, timer, pH test kit, seed starter, instructions, etc.

HYDROPRO 4™: grow up to 16 adult plants; 3'X9' or 7'X7' area (Reg. \$199) **\$187.95**
Includes: submersible pump, grow & bloom nutrients, timer, pH test kit, Jiffy 7, manual, etc.

NEW **HPS BULBS That work in metal halide systems!**
1000 Watt (Reg. \$140) **\$134.95** **400 Watt** (Reg. \$70) **\$64.95**

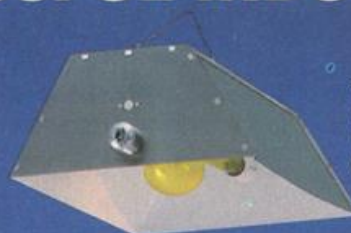
CO₂ Enrichment System: Increases growth by 40% (Reg. \$160) **\$129.95**
Includes: Regulator, flow meter, solenoid valve, delivery tubes, manual.

FREE **INDOOR GARDENING BOOKLET**
With any system purchased

ION GENERATORS: Clean growing area of smoke, odors, pollen & pollutants.
AirEase \$49.95 **Pulsair** \$96.50 **Phase3** for max. odor elimination \$119.00
DIGITAL pH PEN: Instant accurate reading (Reg. \$97) **\$58.95**
DIGITAL Dissolved Solids (Conductivity) PEN (Reg. \$97) **\$58.95**
ROCKWOOL • GROW & BLOOM NUTRIENTS • MYLAR • BULBS • TIMERS • BLOWERS • GROWING SUPPLIES, etc. Call for Price.

PRICE SUBJECT TO CHANGE WITHOUT NOTICE

12 **FREE CATALOG**



24" HORIZONTAL:
52% more light than 45"!!
Ventilated, adjustable, electro-white
(24" X 20" X 10")



MAX-89 "THE ULTIMATE HORIZONTAL"
"DOUBLE ARC" for greatest efficiency,
low profile, adjustable, electro-white

5% TO 40% DISCOUNT
on all regular prices



Mini-Horizontal
20" X 10" X 6"



48" PARABOLIC, Ventilated,
18% more light than 45" cone



Metal Halide

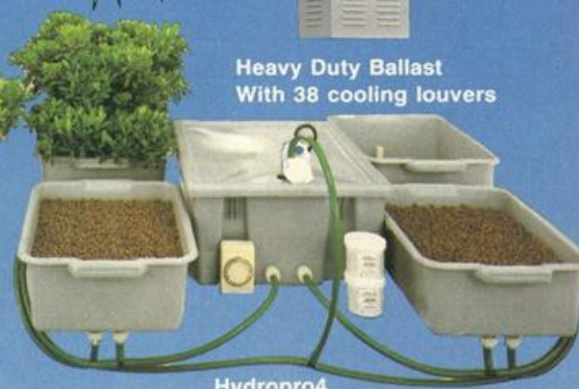


High Pressure Sodium

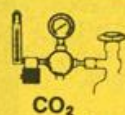


HydroproSingle

Heavy Duty Ballast
With 38 cooling louvers



Hydropro4



CO₂



AirEase



Pulsair

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- Large inventory with shipment in 24 hours.
- Reliable service and 5 yr. guarantee (bulbs 1 yr.).
- 30 day money back guarantee.
- Fast C.O.D. delivery by U.P.S. - anywhere.

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ESU Indoor Sun Chronicle

MAJOR BREAKTHROUGH IN CLONING TECHNOLOGY

Energy Savers Unlimited is proud to introduce **GREAT ROOTS**, the miracle liquid formula for rooting cuttings. There is nothing artificial or synthetic about **GREAT ROOTS**. Only naturally occurring hormones and vitamins with the greatest biological activity are used in the preparation. Compounds like indole-3-acetic acid, 6-r,r dimethylallylaminopurine, and a host of other ingredients including nucleotides, carbohydrates and amino acids, acting in concert to produce the most vigorous and luxuriant roots from your favorite cuttings by physiologically stimulating root primordia to differentiate into root cells. Most other formulations use synthetic hormones like naphthaleneacetic acid or 2,4-dichlorophenoxyacetic acid which do not occur naturally in plants, and besides, are not as effective in promoting the rooting of cuttings.

GREAT ROOTS is a liquid preparation and works best in combination with our **GREENLEAVES** Grow Juice. Together, they provide the full spectrum of hormones, vitamins and minerals for the accelerated initiation and proliferation of roots from cuttings. Because **GREAT ROOTS** is applied directly to the rooting medium, cross-contamination which can occur by dipping cuttings in powders is avoided. **GREAT ROOTS** has been around for quite a few years now, building an awesome reputation as the most effective rooting formula by a steadily increasing number of satisfied users. ESU felt it was time to give serious growers an opportunity to benefit from this superb product.

1 gal. 295.00 1 qt. 99.00 8 oz. 45.00 1 oz. 14.95

Comes with one, 12 oz. bottle of **GREENLEAVES** Grow Juice.

GREAT ROOTS is used only for the initial application. For subsequent feedings only 1 oz./gallon of **GREENLEAVES** Grow Juice is used.

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GREENLEAVES Grow Juice (14-7-20, expressed wt/wt) was the first liquid hydroponic nutrient ever to be packaged in a single container. It has been around for so long because it is the most effective and incredible soil and hydroponic nutrient available anywhere. Sales have been doubling every year as more and more people become regular users. **GREENLEAVES** Grow Juice is carefully and painstakingly prepared by blending and aging dozens of ingredients at different pH and temperature conditions. Not even the most celebrated vintage wines are prepared so meticulously! The finished product is well worth the effort. It looks like liquid gold and performs even better. Besides containing all of the major, secondary and trace nutrients that are essential for plants, **GREENLEAVES** Grow Juice also contains a built-in pH monitor for easy visual assessment and correction of pH without the use of expensive pH meters or test kits. People drive over 1,000

miles to ESU to load up their trucks with 55 gallon drums and 5 gallon jugs of **GREENLEAVES** Grow Juice. Get some today and prove to yourself that there really is nothing better, or even half as good. Recommended dosage is one ounce per gallon.

5 gal. 85.00 1 gal. 19.95 1 qt. 8.95 12 oz. 3.95

ESU HAS MADE IT POSSIBLE TO GROW MORE BUDS

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Because rockwool is naturally alkaline, it tends to raise the pH of nutrient solutions in hydroponic systems. Addition of sulfuric or phosphoric acid corrects the problem, but only temporarily. Influenced by rockwool, the pH again starts to climb rapidly. ESU has solved the frustrating problem of fluctuating pH by developing a specially buffered pH reducer which resists pH changes for prolonged periods. ESU has prepared separate pH reducers for the grow and bloom cycles so as not to disturb the delicate nitrogen and phosphorus-potassium balance during the critical stages. These pH reducers work great with all hydroponic systems.

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JERRY RULES!

As one who has been familiar with HIGH TIMES since its inception, I want to personally thank the present editors for the February '89 issue. It is the best issue I've seen in years. Music, politics, excellent info about dope, and an interview with Jerry. What more could a subscriber ask for?

—Mel Frank
Los Angeles, CA

HERER FOR PRESIDENT

I'm amazed! I can't believe how great my February issue is. Fantastic!! I'm especially grateful to Jack Herer for "Can Pot Save the World," an excerpt from his book *The Emperor Wears No Clothes*. THE WHOLE COUNTRY NEEDS TO KNOW THE FACTS!!

—T. Bone
Inverness, FL

Your article in the February issue concerning the rain forest was the type of info we need more of. Also very well done was Ed Rosenthal's article on the real winners of WWII. I showed the article to several of my economics professors. They agreed totally! Especially compelling, however, was the article "Can Pot Save the World" by Jack Herer. Where can I get a copy of his book?

—W.N.
Tug Hill, NY

Unfortunately, Jack's book is out of print. However, we'll be running another excerpt from it next month.

I'm having trouble understanding why marijuana is still illegal if it can do all the things Jack Herer says. It's really stupid to make a plant illegal that could help solve our energy, hunger and pollution problems. It isn't just a matter of

LETTERS

Send your gripes, questions, personal thoughts, and occasional compliments to: HIGH TIMES "Letters," 211 East 43rd Street, NYC 10017. Unless otherwise indicated, proper names are printed with initials only to protect the innocent, so sign your favorite pseudonym. And use a phony return address.

economics or politics, it's a matter of survival. Let's legalize it and live on.

—World Conscious Dope Smoker
Idaho, USA

WHY THE FREEDOM FIGHTERS?

What is the trip with the ad for Ed Hassle's Freedom Fighters? Aren't you guys making enough money with your ads and cover price? Now you have to cut in on NORML's only source of income. A united front is essential if we ever expect to be free to enjoy God's way of saying "high" without having to look over our shoulder for the DEA.

—Mary Wanamaker
Washington, DC

HIGH TIMES receives no profits from the Freedom Fighter newsletter. The money goes to support cannabis protests across the country. HIGH TIMES has done a lot to help raise funds for NORML and will continue to do so in the future. We urge all potsmokers to join NORML. However, if you want to do more—if you want to become more active in the protest movement—we suggest you join the Freedom Fighters, the modern equivalent of the minute men.

INDOOR VS. OUTDOOR

This is in response to the obnoxious organic grower from Cleveland (Letters, Feb. '89). First of all Mr. Organic, you are in no position to demand anything of H.T. We are lucky to have such a magazine. Besides, HIGH TIMES has done many articles on organic growing. Secondly, weed grown "organically" outdoors is not "clean" or "pure." In all likelihood it is contaminated by environmental pollutants, especially in industrialized areas like Cleveland. Indoor weed grown in a controlled environment with pure fertilizers is much cleaner. The reason indoor weed tastes funny to you is because you're used to pollution tainted outdoor weed.

—Indoor Grower
Lincoln, NE

AMIGA ART

My mind is fired up after some time spent pondering the images in the article on Amiga Art & March '89. It was interesting fuel to fire the grey matter.

—E.L.
Indianapolis, IN

IS MEL REAL?

Thanks for the Mel Frank article in the January issue. Is he a real person? I heard he was a myth (M.F. for marijuana farmer). Be honest. If he's a real person, let us know for certain!

—Lucy
Cleveland, OH

Mel Frank (not his real name) is a real person.

OKIE OUTRAGE

In the January issue there was a letter (Omnibus Outrage) that exposed the outrageous drug bill passed by Congress. I have further news you may be interested in. The Oklahoma State Legislators are trying to pass a bill making it legal to arrest and charge you with possession of drugs in your urine or blood. In short, if you fail a piss or blood test for drugs, you go to jail! Tell me how to get involved in the cannabis protest movement.

—R.G.
Colcord, OK

See the ad on page 18.

WHERE'S RA?

After covering the hurricane, did Chef Ra need a rest? I missed him in the January '89 issue. Me, I like herb butter over popcorn. Alternately I mix the butter with powdered sugar and cocoa for a neat candy treat. I'm curious as to whether herb should be dissolved in an oil base before eating. Does heat improve the high?

—The "O",
Xenia, OH

Chef Ra describes the proper method of cooking puna butter in the April '89 issue. ●

POLITICS

Discriminating politicians read HIGH TIMES for the rather "different" political perspective we've offered our readers over the years. If you'd like to reread the alternative voice to the majority noise, check out these back issues.

Mar. 1977 No. 19

The Rise of the Dope Dictators (How the Dope War Replaced the Cold War); Interview: Gil Scott-Heron; White Sugar; Dope in the Cinema; Tramp Freighters of the Sky; Furry Freak Brothers.

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May. 1977 No. 21

I Remember Civil Defense (by Glenn O'Brien); Dope War Crimes in Mexico; Interview: Harry J. Anslinger; Honey; VAMP (Fantasy and Humor by Women); Roots.

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Nov. 1978 No. 39

The White House Dope Scandal: The \$350-Billion Weapons Industry; Anarchy—The Forbidden Philosophy; The Mystic Masters of Money; "Get Nicky Barnes"; Culture Hero: George Clinton.

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Apr. 1980 No. 56

The White House Drug Scandals; How To Put On A Smoke-In (by Ben Masel); Interview: Robert Anton Wilson; Write-Off!; Back On The Road With The Who; The Bicycle Boom; Zippy the Pinhead.

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High Times:

"What would happen if Bowie Kuhn levied a \$250 fine against every player in baseball who smoked dope?"

Bill Lee:

"He'd be a rich man!"



July 1980 No. 59

Mr. Randall Goes To Washington (How One Glaucoma Victim Became America's First Legal Pothead); I'm Glad I Didn't Say That (by Tuli Kupferberg); Interview: Bill Lee; Kirlian Photography.

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Sept. 1980 No. 61

Anybody for President!; Interview: Ed Clark, Libertarian; Charles Fort: Chicken Little Was Right (by John Keel); The Alchemy of Love (by Glenn O'Brien); Dope Etiquette; High Couth Among the Nouveau-Cheap.

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June 1981 No. 70

Bedtime For Gonzo—Down and Out at the Reagan Inauguration; Interview: G. Gordon Liddy; Grass In The Joint; Cheech & Chong & Us; Jim Morrison: When the Music's Over; Dope In Space.

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Dec. 1983 No. 100

The Parquat Panic of 1983—The Grinch Who Tried To Poison Christmas; Interview: Tom Alexander; Psychedelic Express, Part II: The Great Bust; Legal Supplement; Indications: The Bud Speaks Back to "R" (by Dean Latimer).

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April 1984 No. 104

The Parquat Papers; Interview: Sandee Burbank (founder of MAMA); James Lee and the Elixir of Life; Rise and Fall of an American Guitar Hero; Confessions of a Bruce Lee Fanatic.

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Sept. 1985 No. 121

The DEA's Parquat Plan; The Narc Who Knew Too Much; The Counterculture Counselor: Underground Comix Redux; Hunter Thompson Talks Tough; Nudes News.

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Mar. 1986 No. 127

The Great Peace March; Hollywood Dealer; Zappa Zapped; TV To The Max; An Appointment With Dr. Demento; Western Exterminators: What Sort of Dope Are You!; Alan Rudolph's Chancy Choices.

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June 1987 No. 142

Earth First, Grower's Alert; The Sauk City Shooting; Super California Buds; 13 Lucky Years With HIGH TIMES; Hair: The Ultimate Drug Culture Threat; Hep Cal.

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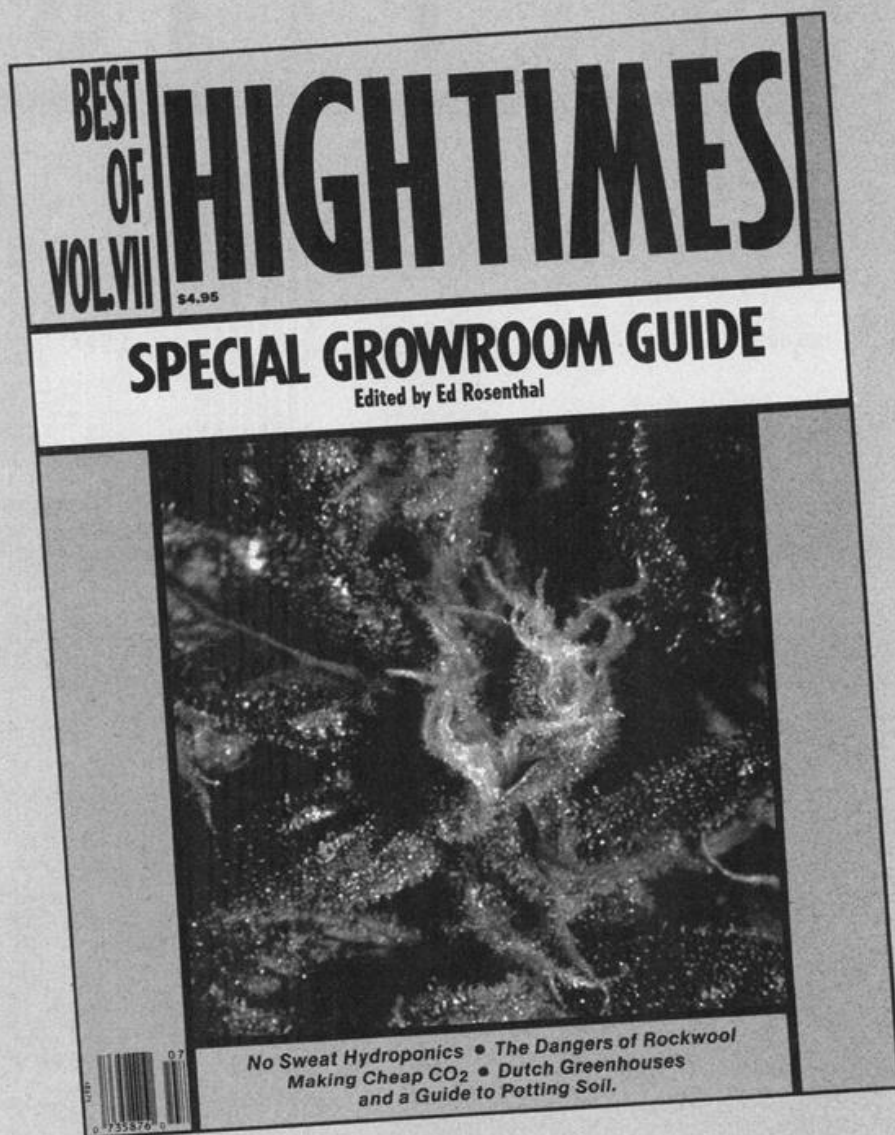
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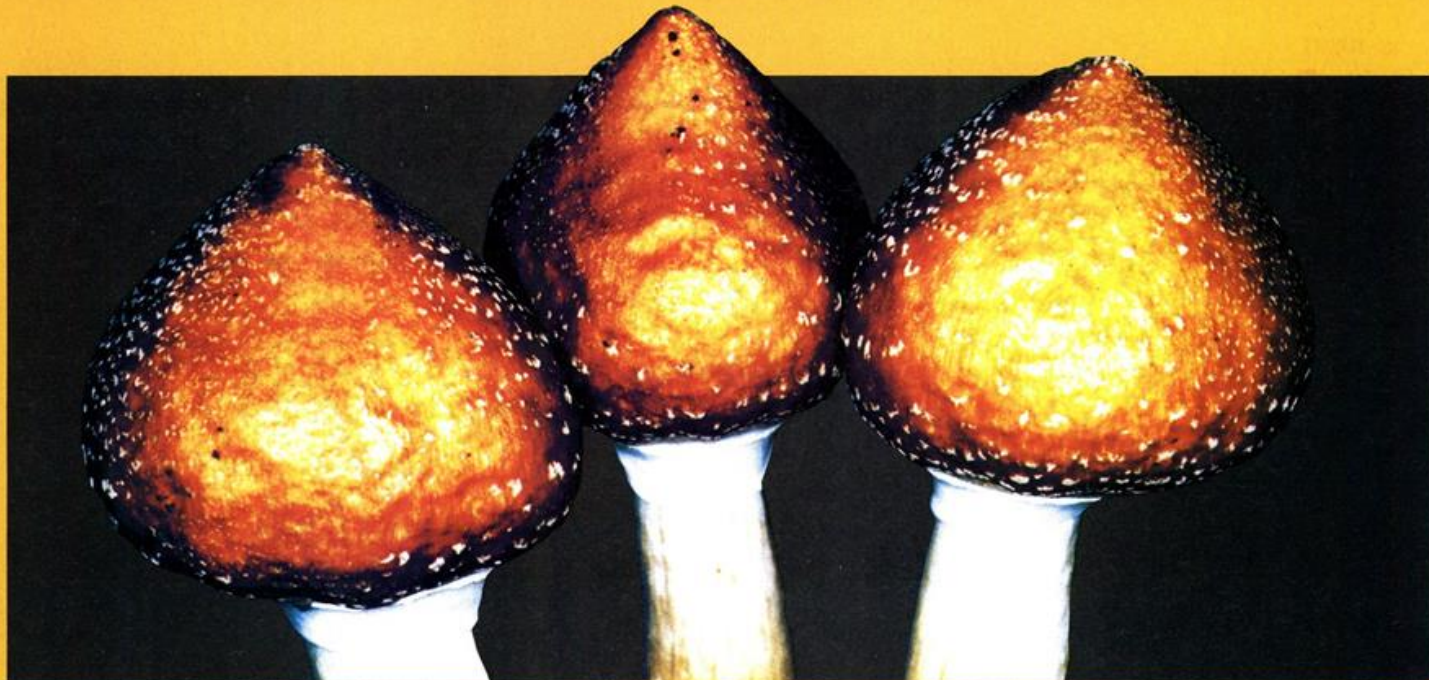
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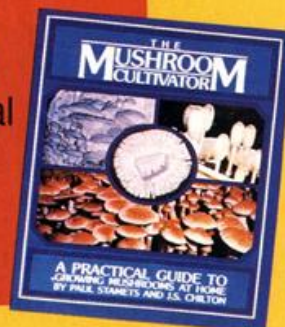
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Your \$15 annual membership dues entitle you to a year's subscription to the Freedom Fighters' newsletter, a free ride on Chef Ra's psychedelic bus, an autographed portrait of Ed Hassle, plus lots of other fun stuff like free buttons, bumper stickers, etc. **DON'T DELAY!**

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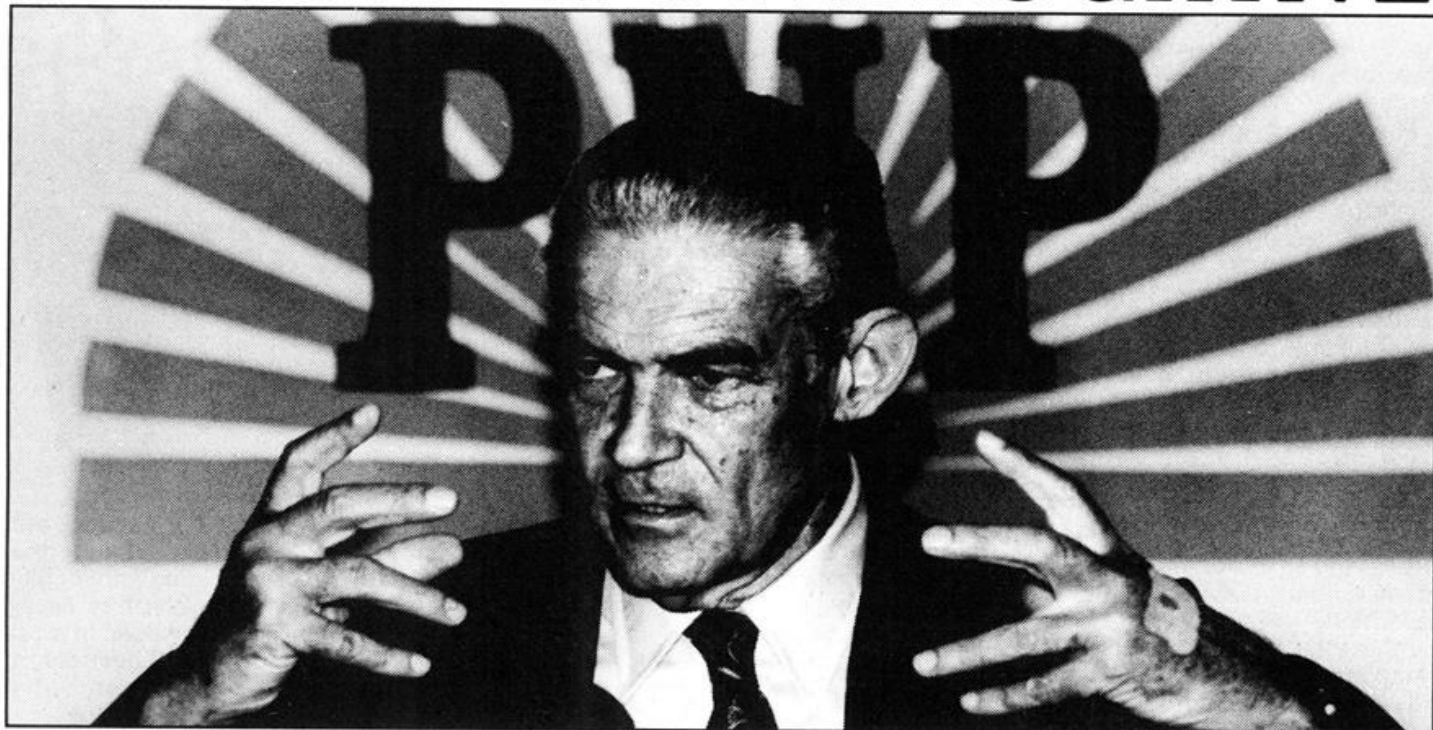


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HIGHWITNESS NEWS

IT'S MANLEY'S PREROGATIVE



AP/WORLD WIDE PHOTOS

by Eric Nadler

A mellower, moderate Michael?

Jamaican democracy—an often bloody affair—mellowed out this year. Only 20 people were killed in the balloting for a new government compared to the 750 fatalities in 1980—the year Michael Manley lost his crown to Edward “Fast Eddie” Seaga.

This “Give Peace a Chance” karma gave Manley his second shot as Prime Minister. “Michael,” as he is widely called, has apparently mellowed out as well. The socialist leader ran a relatively radical government in the '70s—blasting international bankers and cozying up to Fidel Castro with fiery anti-imperialist rhetoric. This time around, Manley said Cuba was not a high priority and promised that his first objective in office would be to “establish on the widest and most constructive possible basis a relationship with the new administration of President Bush.”

Manley, the dashing white-haired, light-skinned heir to a political dynasty (his father was Prime Minister), defeated Seaga in February. Manley's People's National Party (PNP) gained 44 of 60 seats in the new parliament and won 57 percent of the popular vote.

One of Ronald Reagan's staunchest

allies in the region, Seaga lauded the US invasion of Grenada in 1983 and pleased the free marketeers in the White House by selling off nationalized industries and slashing thousands of jobs and welfare programs to reduce a budget deficit. In return, the Reagan administration made Seaga's island one of the largest per capita aid recipients in the world. The US has tossed \$600 million Jamaica's way since 1982.

But widespread corruption and government cuts in education and health care didn't endear Seaga's team to the voters—most of whom earn less than \$75 a week. Seaga, a Harvard grad, waged a desperate campaign—orchestrated in part by American political consultants. His legions whispered about secret Cuban police teams and indoctrination schools under Manley, and Seaga even declared “The Year of the Worker” and hiked minimum wages and pensions. All to no avail.

“There's a spirit of cooperation taking over the island,” observes Perry Henzell, author and producer of *The Harder They Come*. “People here are optimistic about the future. Eighteen

years ago when Michael first took office, everything was very ideological. That kind of thing is gone.” Henzell believes Manley—if he keeps his campaign pledges—has learned that he has to “earn as a capitalist” and “spend as a socialist.”

In his victory speech, Manley said he wants to meet with William Bennett, Bush's drug czar nominee. Informed observers expect him to work closely with US narcs to clamp down on Jamaicans who use the island as a trans-shipment point for cocaine. The introduction of coke and crack to the island has contributed substantially to a Wild West atmosphere in many parts. Stickups, murders and hijackings have become commonplace. Indeed, a crack-crazed gunman, Dennis Lobban, was convicted of murdering reggae superstar Peter Tosh in his home last year.

As far as ganja goes, Manley is expected to suspend the eradication campaign waged by Seaga against small and mid-level growers. (Politically connected smugglers got their wares out.) Under prodding from Washington, Seaga's military burned pot fields regularly and harassed

poorer individuals who grew a little on the side. "I don't think that Seaga and his friends knew the difference between cocaine and ganja," says Henzell. "I think, internally, Michael will relax things and look at it the way New York or California does. As far as export goes, I imagine he may well respect the wishes of the DEA."

Jamaica faces major problems. People are still digging out from Hurricane Gilbert, which devastated whole parts of the island. There's a waiting list of 40,000 for telephones (even the mayor of Kingston doesn't have one). Unemployment is hovering around 20 percent.

Manley must reinvigorate Jamaica's tourist economy, which became the island's leading cash crop when the bauxite industry collapsed. Tourism adds up to \$500 million a year and 30,000 jobs.

Beyond these crucial immediate concerns, some Jamaican visionaries are thinking about the island in the 21st century and getting rather stoned on the possibilities. The island's Rastafarian sensibility continues to grow strong—linking Jamaica to Africa—and New York is becoming Jamaica's most influential city—economically and culturally. The island is developing a uniquely cosmopolitan nexus, one that might be a model for Third World development in the Glasnost age in which the East-West way of thinking is finally being understood as outmoded.

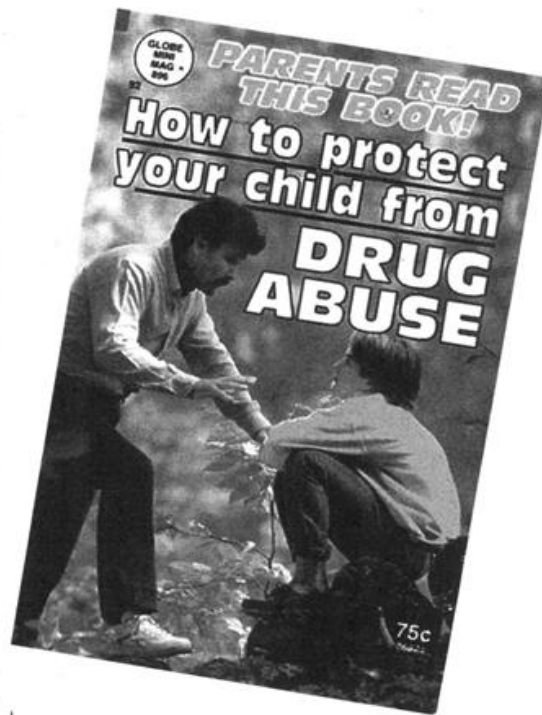
May Jah help Manley pull it off. ●

"DRUGS ATE MY MOTHER"

by Judy McGuire

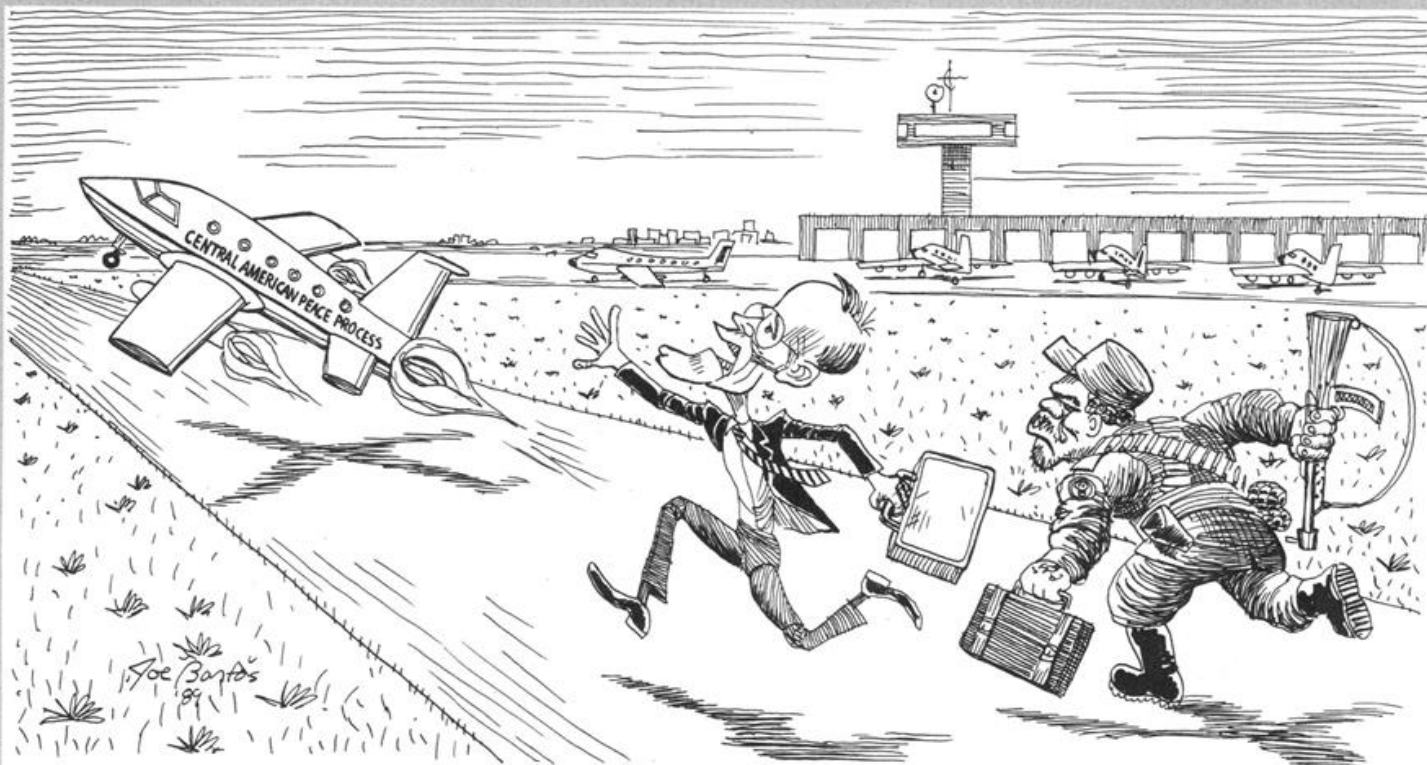
After checking out the full-page post-execution/autopsy photo of Ted Bundy in *Weekly World News*, I found myself a little bored while waiting in the check-out line of my neighborhood supermarket. Searching for some new reading material, my eyes fell upon a rack of tiny pamphlet-type magazines ("mini-mags," I later learned they were called). Right there between the pocket-sized *Bible Word Search* and the calorie-counter guides was *How to Protect Your Child From DRUG ABUSE*, by Carlson Wade. I picked it up. It was packed full of facts—how to tell if your kid's a drug addict, why he's a drug addict (one source of blame is the "video explosion") and how you can cure him ("strengthen family ties").

Kind of reminded me of another drug info pamphlet I'd mailed away for a while back. You see, advice queen Esther P. Lederer (Ann Landers, to those of you not in the know) has also authored a book that gives the dirt on drugs, called *The Lowdown on Dope*. While full of inaccuracies—"All marijuana comes from the cannabis *sativa* plant"—it's basically a harmless little compilation of other people's feelings and research. Ann, hip chick that she is, even quotes William Burroughs at one point.



A bunch of "Dear Ann" letters are reprinted, including one extolling the virtues of LSD and chiding Ann for giving advice on a drug she has never taken. "I've never put my head in a cement mixer, but I wouldn't hesitate to advise against it," Ann snippily retorts. Hmmm, good answer....●

BARTOS



"Waaaaii! Ya can't leave me an' the contras...after all we've done for peace!"

ONE MAN'S DOPPE

SIR DEAN'S NICOTINE DREAM

by Dean Latimer

Premier, the new so-called "smokeless" cigarette from R.J. Reynolds of North Carolina, is nothing more than a cheap, quickie cigar. "God, that tastes like burning corn flakes!" most people exclaim at first puff, after the initial burst of coughing permits them to speak. They snuff it out, or try to—Premier is not very easy to snuff out—and go back to their customary organic tobacco brand.

You have to work at Premier to discover its single virtue, which is slender enough: The extraordinarily high level of nicotine which, when smoked properly, it delivers into the bloodstream, for distribution to nicotinic cell-membrane receptors all through the body. The trick is to avoid inhaling—just as cigar-smokers avoid inhaling—postponing that instant-gratification rush of nicotine into the blood through lung tissue, in favor of the slower but heavier absorption of the drug through the buccal and nasal mucosa.

Like the harsh tobacco in cigars, the little beads of pure nicotine extract packed into the aluminum "flavor capsule" imbedded in each Premier will incite convulsive coughing fits when inhaled; but when permitted gentle absorption through the esophagopharyngeal mucosa enough nicotine slips into the bloodstream to cloak even the remotest nicotinic receptors in the spinal ganglia, the adrenal medullae over the kidneys, at each juncture of skeleton with muscle and everywhere in the brain from the hippocampus to the orbital frontal cortex. Acetylcholine is released, and for just a minute or two, while the nicotine cell-binding persists, a person is *satisfied*, even if that person has a three-pack-a-day tobacco Jones like I do. Then the Premier goes out, about one-eighth of the way down from the tip, and can't be relit. Overall, it left me with the feeling of having been defrauded somehow, and so I don't believe R.J. Reynolds is going to make back their investment here.*

Still, the appearance of a new thing in the way of nicotine consumption has been sufficient to incite the repressive instincts of do-gooders in the Federal government. Under the influence of scandalized lobbying from the American Medical Association, Dr. Ed Cone of National Institute on Drug Abuse's eminent Addiction Research Center recently endeavored to extract the

aluminum "flavor capsule" from a Premier, substituted for its contents about 120 milligrams of crack cocaine, and composed a Federally-funded treatise on how easy it would be for crack-smokers to convert Premiers into "undetectable" devices for the smoking of freebase coke. Hearing of this through the press, I gave four Premiers to four different desperados of my acquaintance who are wholly given over to crack, and not one of them was able to extract that flavor cylinder without destroying the whole cigarette. In the meantime, under the influence myself of the full-bodied satiation of Premier nicotine (I'm down to the last six from the carton RJR kindly sent me, and already getting desperate), I feel like slipping down memory lane, to a time all this happened before.

Sir Walter's Secret

When Admiral Francis Drake hauled into Portsmouth in 1586 with the



survivors of the calamitous Roanoke colony aboard, along with some miscellaneous Indians and a few tons of Virginia tobacco, Sir Walter Raleigh was looking at the poorhouse as the expedition's sponsor. Since the only thing he had to offer was this shipment of dubious vegetable matter, Sir Walter put on his sexiest ruff, waxed his goatee to the sharpest possible point and went to Queen Elizabeth's court at Windsor to pass the pipe around. The Queen herself, "after two or three puffs," recorded Raleigh's pal John Aubrey with some trepidation, "was seized with a nausea, upon observing which, some of the Earl of Leicester's faction whispered that Sir Walter had certainly poisoned her. But her majesty, in a short while recovering, made the Countess of Nottingham and all her maids smoke a

whole pipe out among them."

Since the industrial correspondence of the Court of Spain was still secret, the Elizabethans can be forgiven for overlooking the prime drawback of tobacco—addiction—when they made it fashionable. Early on, a Franciscan friar named Andre Thebet, touring the new Spanish settlements in Brazil, had alerted Madrid: "The Christians that do now inhabit there are become very desirous of this herb and parfum, although that the first use thereof is not without danger, before that one is accustomed thereto . . . this smoke causeth sweats and weaknesse, even to fall into a Syncope [faint], which I have tried myself." About the same time, Columbus' pilot Bartolomeo de las Casas reported from the colonial ports on Haiti: "I have known Spaniards in this island of Hispaniola who were wont to take them [tobacos, Arawak for "cigars"], and being rebuked for it and told that it was a vicious habit, they replied that it was not in their power to stop taking them." So it was already on record that while the stuff makes you deadly ill the first time you try it, it very shortly becomes an ungovernable addiction.

It was even healthful, according to the French, who'd been importing it for years. The French ambassador to Portugal, Jean Nicot—after whom nicotine was eventually named, by the French chemist who extracted it in 1807—had gone into business with some Lisbon importers and advertised the stuff all over Europe as a sure remedy for the *noli me tangere*, or syphilitic ulcers. So in 1595, to make it really fashionable in England, Elizabethan quack Anthony Chute advocated it for cleaning up consumption and clouded vision and more: "I think that there is nothing that harmes a man inwardly from the girdle upwards, but may be taken away with a moderate use of Tobacco." Chute was not privy to the report from French explorer Marc Lescarbot, who remarked ominously of the original Quebec settlers: "And our Frenchmen who have frequented there are so bewitched with this drunkenness of Tobacco, that they can no more be without it, than without meat or drinke, and upon that do they spend good store of money." But Dr. Chute may have instinctively recognized the subtle discontentments of nicotine addiction when he peevishly condemned "hoarding Apothecaries," holding on to stores of tobacco even in times of plentiful imports, "which forsooth they will not sell, under unreasonable rate, when there is scarce good to be got."

The fashionability of tobacco among Elizabethan high society clearly peaked in 1598, when the old Queen's adolescent gigolo, Robert Devereaux

* R.J. Reynolds stopped production of Premier on February 28 after four months of test-marketing in Arizona and Missouri.

Earl of Essex, depicted himself as a lovesick "Labouring Bee," and sighed, "Witching Tobacco, I will fly to thee":

What though thou dyest my lungs in deepest black?

*A mourning habit suits a sable heart.
What though thy fumes sound
memory do crack?*

*Forgetfulness is fittest for my smart.
O sacred fume! Let it be carved in oak,*

That words, hopes, wit, and all the world are smoke.

King James' Version

Soon enough, reaction set in. "Some use to drinke it [as it is termed] for wantonnesse," clucked one John Gerald in an *Herball* that year, "and cannot forebeare it, no, not in the midst of their dinner, whiche kind of taking is unwholesome and very dangerous." And to addiction was added the sort of libel that is inevitably laid on every new drug that invades any society. "Tobacco dryeth up the sperme and seed of man," lied the anonymous author of *Work For Chimney Sweepers* in 1601. "It withereth and drieth up naturall moisture in our bodies, thereby causing sterillitie and barrennesse; in which respect it seemeth an enemie to the continuance and propagation of mankind." And he curiously concluded, "Better be chokt with English hemp, then poisoned with Indian Tobacco." (A reference to the common practice of smoking hemp—marijuana, forsooth—in the Fenlands of East Yorkshire, a folk phenomenon that somehow has never been adequately covered by English historians.)

After all that fashionable literary doggerel and loony medical quackery, the anti-tobacco reaction was accorded the highest possible official imprimatur in 1605, when incoming King James I composed his thunderous *Counterblaste to Tobacco*: "A custome lothsome to the eye, hatefull to the Nofe, harmefull to the Braine, dangerous to the Lungs, and in the blacke stinking fume thereof, neerest resembling the horrible Stigian smoke of the pit that is bottomlesse." The Red Indians of America, the King had heard, used it to cure the clap, suggesting to him somehow that it must surely cause clap in Caucasian consumers, and things even deadlier: "Surely Smoke becomes a Kitchin far better than a Dining chamber, and yet it makes a kitchen also oftentimes in the inward parts of men, soiling and infecting them, with an unctuous and oily kind of Soote, as hath bene found in some great Tobacco takers, that after their death were opened." He promptly hiked the tobacco import duty by 4000 percent, forbade domestic cultivation of tobacco in England, and chopped off the head of Sir Walter Raleigh. If ever any chief of state sent forth an

unambiguous public message of zero tolerance for the abuse of any novel drug, King James did that for tobacco.

But it was all a self-righteous fraud. In his ultraconfidential state correspondence with spy chief Robert Cecil Lord Burleigh—"my little beagle," James called him—he was forever encouraging Cecil to "drink good pipe of tobacco to all your company," to reward his trusted falconer with "a good pipe of tobacco," and so on. Publicly, the King opposed tobacco-planting in the British Isles, on the grounds that it would "abuse and misemploy the soil of this fruitfull kingdome." In reality, this prohibition was simply to eliminate competition for the Virginia importers, so that they could go on paying the Crown that tremendous import duty. "[O]ur colonies and Plantations in Virginia," King James quietly explained, "[being proper and natural climates for that plant] receive much comfort by the Importation thereof into this Kingdome." Which was to say—just as Sir Walter Raleigh had secretly realized—since tobacco was the sole commercial commodity that might possibly turn a farthing of profit for the New World colonies of the Crown, its cultivation there and importation from thence—"amongst many other vanities and superfluities, which come from beyond the Seas"—would be encouraged as a matter of long-range official policy. And nothing encourages commerce in an addictive drug better than ferocious crackdown legislation against it.

This happened everywhere, not just in England. When tobacco invaded Turkey in the 16th century, Sultan Murad IV made examples of its smokers by having them ridden out of town backwards on a horse, their tobacco pipes thrust through their nasal septums. At the same time, the Christian Council of Sicily was guaranteeing all Europeans that the Turks were importing tobacco into Christendom to poison Christian youth. When tobacco appeared in Persia, Shah Abbas anticipated the Ayatollah by cutting off the noses and ears of smokers, and his successor, Shah Sefi, dealt with dealers by pouring hot lead down their throats. A generation later, when tobacco came to Russia, Czar Mikhail Feodorovitch Romanoff slit smokers' nostrils every chance he got, and his successor Czar Alexis condemned them to torture and then Siberia.

But by 1700, every single one of these countries was passing legislation to sensibly regulate the sale of "adulterated and inferior tobacco." The people who made the money from this addictive drug prevailed, just as they did in England, in the long run. The same thing will happen with cocaine here and everywhere else around the world within another generation or so. ●

FLASHES

DEATH THREAT—John Carenbauer, a Wheeling, West Virginia city councilman, called for the Federal government to shoot to death without a trial all persons caught using drugs or driving drunk. "It is time we get tough and show them what war is all about," he said.

COKE PAIN-KILLER—Two Yale School of Medicine researchers believe that treating certain types of pain with cocaine may be legitimate medicine. The doctors reacted to a storm of criticism after Dr. Milton Reder, 89, defied the New York Health Department by treating patients suffering from assorted pains with cotton swabs soaked in a solution of cocaine. He charges \$25 a visit.

GERMAN ECSTASY—A spokesman for the Imhausen-Chemie company of Lahr, Germany, suspected of playing a key role in building a poison gas company in Libya, said the company manufactured and shipped MDMA, or Ecstasy, to America. Last September, Imhausen employees sold 374 pounds of MDMA (estimated value: \$16.7 million) to two Americans. A West German prosecutor said four suspects had been arrested, two Americans and two West Germans.

SO SUE ME—The Los Angeles Clippers sued hoop star and Grateful Deadhead Bill Walton, claiming they had no obligation to pay him deferred payments (\$200,000 a year) because he "engaged in certain activities detrimental to his health." Walton's attorney, Gary Vandeweghe, told the *Los Angeles Times*, "The Clipper charges are just euphemisms about smoking joints or some damn thing." The suit has since been settled out of court in Walton's favor.

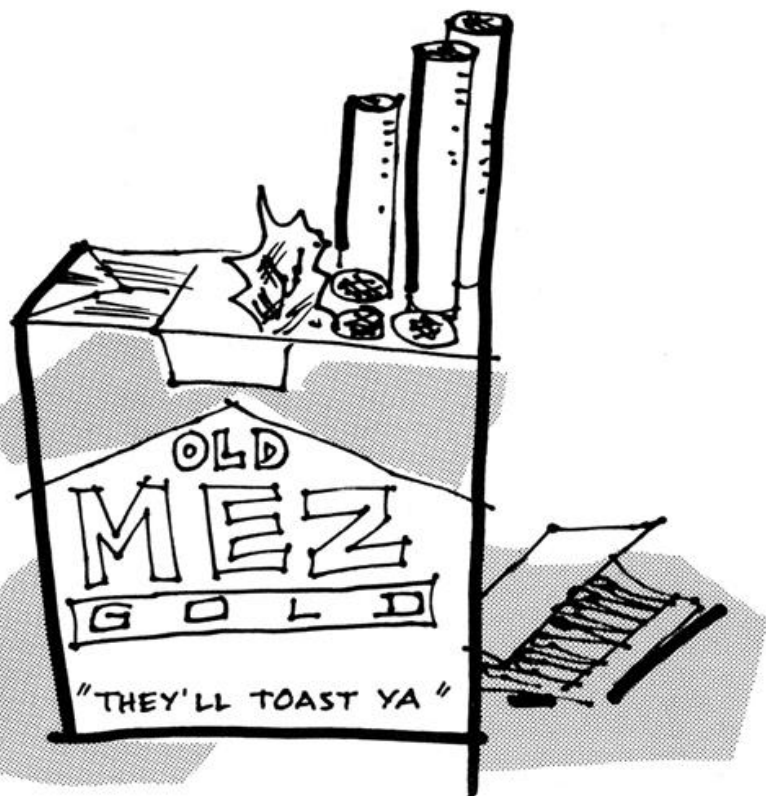
DISCOUNT DRUGS—Last October, police in Baltimore closed down a drug dealership that was handing out discount coupons. Sgt. Fred Bealefield said, "It worked just like the big food stores." The homemade coupons offered a free bag of pot or a \$1 discount, gave the address of the dealer's house and read, "Buy five of anything and get one free."

PARAQUAT RETURNS—Last July 19, a DEA agent sprayed paraquat on 16 acres of private land in Texas in an effort to escalate the drug war. Authorities sprayed paraquat on about 50,000 marijuana plants growing wild on six private tracts from four-wheel-drive vehicles, not aircraft, to "protect the environment." The Sierra Club, a private environmental group, maintained that spraying paraquat was dangerous to humans and animals in the area.

BY DOUG McVAY

NORML-IZER

Life During Wartime



FLICK FORD

John Kenneth Galbraith, the Harvard economist, asserts that politics is not the art of the impossible, but rather involves choosing between the disastrous and the unpalatable. This formulation perfectly captures the dilemma of US drug policy, and explains why there is such debate over the question of marijuana legalization.

It is unreasonable and absurd for a society which allows legal alcohol, tobacco, caffeine and aspirin to prohibit marijuana. There are only two logical choices: either prohibit these other drugs or legalize marijuana.

Even most Federal officials would admit that prohibiting all drugs would be a disaster. Yet the other choice, marijuana legalization, remains unpalatable to many. Due to the trends of the last few years, the government is being forced to make hard choices. Death, illness and injuries caused by substance abuse are on the rise nationwide. The crime and violence attached to illicit drug trafficking are also increasing.

This crisis is nowhere more apparent

than in the nation's capital. Washington, DC, which has the nation's highest murder rate, is considering calling out National Guard troops to patrol the city's more crime-infested neighborhoods. The new wrinkle to this plan is to have Guardsmen assist local police with drug enforcement.

Some people wonder why our lawmakers are willing to pass draconian laws and engage in extremist rhetoric in the drug war. The answer? They live in Washington, DC, and the DC stands for Dodge City.

All the participants in the drug-policy debate can agree on at least one thing: current policies have proven to be a failure. The question is whether the fault lies in the way the policies are enforced or in the policies themselves.

NORML believes that marijuana policy in this country, and drug policy in general, is a disaster. There are serious problems with the ways in which the laws are administered. But the system would fail even if the problems of administration were solved, because the system is not

designed to solve our drug problems. Current US drug policy is a recipe for disaster. The reason is simple: While legal drugs comprise most of the nation's drug problem, illegal drugs occupy most of the nation's attention.

The cost of legal drug use is staggering. According to US Surgeon General Everett C. Koop, no less than 500,000 people die each year from tobacco and alcohol use. Misuse or abuse of prescription drugs results in thousands of more deaths annually.

Marijuana, on the other hand, has never caused an overdose death. All the illegal drugs combined take about 6,000 lives annually, according to the US National Institute on Drug Abuse.

Spending by Federal, state and local governments on drug control is immense, estimated at between \$8 and \$10 billion annually. The bulk of this money goes into law enforcement.

This concentration on a criminal justice solution fails to address the problems of legal drug abuse. It also fails spectacularly to control use of illegal drugs.

In 1987, the FBI reported, there were 313,709 arrests on charges of simple possession of marijuana. That figure, one-third of the 937,400 total drug arrests in 1987, is more than just another statistic. It represents a third of a million lives disrupted by the intrusion of the police and the courts, simply because people chose to smoke marijuana in the privacy of their homes.

The cost of arrest and conviction can include loss of job, professional license, driver's license, children and property, in addition to the usual fines and attorney's fees and time incarcerated, before and after conviction.

These 313,709 arrests represent less than one percent of the total number of people who broke the marijuana laws in 1987. That statistic, more than any other, points out the unworkability of our current drug policy. It is absurd to think of arresting and punishing the millions of other marijuana smokers in the country. Clearly, police departments would be wiser to concentrate on other matters than arresting people for marijuana use.

Okay, the current system has failed. So, what is to be done? Of course, the answer is marijuana legalization. But because of the failures of alcohol and tobacco legalization, policy-makers continue to view this option as unpalatable, envisioning marijuana legalization as yet another disaster.

Marijuana should be treated in a manner similar to tobacco and alcohol in order to establish a consistent national drug policy. But how do we get the public and

the politicians to swallow this bitter pill? The answer, in the words of Mary Pop-pins, is "with a spoonful of sugar."

There are great advantages to legalizing marijuana. Fiscal conservatives like the money associated with legal sales. Marijuana legalization would also eliminate an entire class of criminals, relieving our already overburdened criminal justice system. Legalization would also seriously disrupt organized crime's control of the business by severing the contacts between the millions of marijuana users and the black market.

As we know, the marijuana plant is valuable for other uses than just getting high. Hemp, a crop with incredible potential, could be of great importance to my home state of Iowa, as well as other agricultural states. Unfortunately, this potential, which is being explored in some European and Asian countries, is denied to the American farmer as long as marijuana is prohibited.

Common sense dictates that marijuana should be legalized. Unfortunately, common sense has not guided US drug policy in the past. ●

RASTA MAN OF THE MONTH



BUNNY'S BACK

After 14 years without leaving Jamaica even once, Bunny Wailer is about to embark on his first-ever solo tour. One of the founding Wailers—along with Peter Tosh and Bob Marley—Bunny decided to go solo just as the group was gaining international acclaim. Vowing never to tour again, he's lived an almost hermit-like existence in the hills. Bunny formed Solomon Records and released numerous solo albums. *Liberation*, his latest on Shanachie, takes on the problems of apartheid and drug addiction. Welcome back, Bunny.

—Judy McGuire

OUTLAW NATION

THE SHINING PATH TO NOWHERE?



REPRINTED FROM A WORLD TO WIN

by Rob Hambrecht

Remember Che Guevara and Chairman Mao? Rock musicians liked to sing about them because their images were powerful and at times even romantic. But times have changed in North America and Europe. Revolutionaries are no longer fashionable and dialectics has given way to BMW-driven yuppies.

The Third World, especially Latin America, has also changed—for the worse. The economic and social situation in Latin America has deteriorated to unprecedented levels of despair.

Peru, for example, has a \$13.6 billion debt, spiraling inflation and a 70 percent unemployment and underemployment rate. One of, if not the, biggest sources of income for Peru is its illegal coca leaf production for the cocaine trade, which doesn't "trickle down" to the people but goes into the coffers of organized crime. In short, most Peruvians are starving. In Latin America, drastic problems usually lead to desperate attempts to change the system fast, which traditionally has meant revolution.

But the recent tone of armed struggle has changed since the '60s and '70s; gone is the utopian idealism of Che Guevara or the revolutionary pragmatism of Daniel Ortega. The new guerillas are harder, more fanatic ultra-leftists devoted to totally restructuring society to their image of perfection. Groups like Colombia's M-19 and Peru's Sendero Luminoso (Shining Path) typify the sharp left turn taken by some of the continent's political movements. Sendero Luminoso best illustrates the new extremism.

Most people first heard of the Shining Path when the group started hanging dead dogs with placards reading, "Deng Xiao Ping," from lamp posts and fences around Lima, Peru's capital, during the late '70s. These unusual calling cards expressed the organization's discontent with China's new economic policies, im-

plemented by Deng, which Sendero perceives as a revisionist sell-out of the ideals of Mao Tse Tung and Lin Biao.

Shining Path fervently believes in the peasant vanguard revolution and often cites Cambodia's Pol Pot and Khmer Rouge and China's purged Gang of Four as mentors. The name of the group comes from a pamphlet written by Sendero's founder, Abimael Guzman Reinoso, titled "Down The Shining Path of Jose Carlos Mariategui." Guzman worships the work of Mariategui (1894-1930), who expounded the idea of a peasant revolution rather than one by the urban proletariat, as happened in Russia.

During the early '60s, Guzman taught philosophy at the University of Huamanga in Peru's department of Ayacucho. There he built a group of followers who began proselytizing in the rural areas of Ayacucho. Continually dissatisfied with the more established leftist parties, Guzman finally split with his last urban connection, "Red Flag," a radical splinter group of the Peruvian Communist party. Guzman thought Red Flag was insincere in its call for a protracted war and started organizing small party cells whose members held military ranks. At this point, Guzman took the name "Comrade Gonzalo"—a change which showed he clearly meant business.

Guzman began Sendero in Ayacucho—a remote semi-arid, highland region made up of Inca descendants, 90 percent of whom speak Quechua. Because of its physical, cultural and linguistic isolation from the rest of Peru, Ayacucho was already virtually functioning as a separate entity. Sendero used that to its advantage by playing off the fears and prejudices of the locals, as well as appealing to regional superstitions and occult practices, to win initial support. The group steadily escalated attacks in the

area to the point where the government declared martial law and sent troops to Ayacucho in April, 1982.

Since then, fighting has been fierce. Government soldiers have orders to kill all Sendero sympathizers. Army search-and-destroy missions have resulted in My Lai type massacres of women and children. Sendero, for its part, holds "people's courts" in "liberated zones"; death is the penalty for harming the Shining Path.

Sendero's cadres, estimated at 2,000, have had an impact on all of Peru. The Shining Path often targets electric power plants and towers in an attempt to wipe out all forms of illumination. In one incident, attacks on four plants blacked out Lima.

The conflict has expanded into the neighboring departments of Huancavelica and Apurimac as well, where Sendero has gained control. In 1984, Sendero added a second front in the upper Huallaga to wipe out a US government-sponsored program to phase out coca production among peasants. Sendero's operation there was a success, which opened possibilities for the guerrillas to strike up deals with local drug kingpins.

As the conflict continues to engulf the nation, the country is dying. Lima has recently been compared to Calcutta, a city always held up as the essence of poverty. The 100 percent inflation, 20 percent loss of personal income and 2.5 million people crammed into shanty towns surrounding Lima do not bode well for the future. Although reports say Sendero has minimal support in urban slums, the potential of their appeal among the futureless, disenfranchised poor of Peru cannot be ignored.

Peru's tourist industry is suffering. Fewer visitors now risk the Shining Path's wrath in order to view the wondrous ruins of Machu Picchu in Cuzco. One who did brave the trip, Anna Cucci, wife of Jersey City mayor, Anthony Cucci, was killed in a Sendero attack during a vacation trip to Peru last December. For North Americans, the incident again brought to light Sendero's powerful existence.

Information on the Shining Path's guerrilla war is not easily obtained. The government has a news blackout of the area, and Sendero and Guzman rarely do interviews. Though exact details of the situation in Peru aren't clear, it's no doubt getting worse.

There is a saying in Lima's slums, "Ratero, Coquero, Sendero" (crime, drugs, Sendero)—an understandable attitude of no-exit nihilism given the almost insurmountable problems of Peru. But with Sendero Luminoso on the march, the future won't get any brighter. If Sendero wins, nobody will be singing either. ●

ORDER IN THE PISS ROOM

by C. R. Jones

Ronald Reagan's dream of subjecting public employees to random drug testing has gone up in smoke. In a decision that delighted opponents of mandatory drug testing, a Federal court in Washington, D.C. blocked the institution of a program of random drug testing that would have applied to over 17,000 employees of the Department of the Interior, including clerical assistants, mail clerks and auditors. Scolding the administration, the court wrote on January 30 that forcing employees to endure the "humiliating procedures" of random drug testing without reasonable suspicion of drug use was an unconstitutional "invasion of citizens' rights," representing "a hallmark of insecure totalitarian regimes, not of the confident constitutional democracy in which we live."

The drug testing program grew out of an Executive Order issued by Reagan in 1986 which authorized all Federal agencies to randomly test employees for illegal drug use. Although other courts have blocked attempts by government agencies to implement Reagan's Order, Loren Siegel, an attorney with the ACLU, said that no other court has spoken as forcefully about an employee's right to privacy in the workplace.

US Court District Judge Harold H. Greene said that the drug testing program violated the right to privacy under the Fourth Amendment and refused to permit the Orwellian nightmare of "platoons of bureaucrats" who would "march in unending streams toward the Department's toilets for their next urination procedure under the steady gaze of the government's urination inspectors." Greene noted that illegal drug use is "virtually nonexistent" within the Department and that the program was simply "an education show in which the civil servants employed at the Interior Department are the involuntary players."

Since this court and five other courts have reached similar results, it is highly unlikely that a court will allow random drug testing of large groups of public employees. However, the legality of non-random testing of specific groups of employees, such as police, pilots or nuclear plant employees, in the alleged interest of "public safety" or "national security," remains an open question. While lower courts have reached conflicting decisions, the Supreme Court has agreed to decide two cases that will possibly clarify the issue. In one case, the Court will decide whether or not the US

Treasury Department can test customs agents who seek a promotion or transfer to a job involving the interdiction of drugs. In the other case, the Court will decide whether or not the Federal Railway Administration can test train employees after a death occurs as a result of a train accident.

Although public employees presumably enjoy protection from unreasonable drug testing, employees of private businesses do not. In the land of free enterprise, employers are free to treat employees as they wish, and the courts are extremely reluctant to prohibit private employers from testing employees for drug use. Only in California—where the state constitution provides citizens with an extremely broad right of privacy—has a court prohibited a private employer from testing employees for drug use. Montana, Iowa, Vermont, Minnesota, Connecticut and Rhode Island have all passed laws that restrict the ability of private employers to test employees for drug use. Outside of these states, however, employees of private enterprise will have little choice but to get a cup and step up to the urinal. ●

BEAL'S SPIEL ON SAFE DRUGS

The Safe Drugs Movement is holding its first major rally in New York City on May 6 (see Activist Calendar on page 29 for details). According to Safe Drugs activist Dana Beal, "A recent article by NYC Health Commissioner Stephen Joseph called for a 'methodone clone' for crack users. He is implicitly accepting that maintenance drugs, not zero tolerance law enforcement, is the key to the solution of drug abuse, signaling a change in the War on Drugs. If we are talking about a cocaine equivalent, the answer is not another synthetic that will mimic the effects of cocaine."

"Ex-multiple drug users are having more success going back to marijuana," Beal added. "Not only are they ready to embrace the 'safest therapeutically active substance known to man,' but pot is a superior hypnotic, a mild sedative that mimics cocaine's serotonin high without the stimulant effects of chemicals. The public has a right to know what steps Mayor Koch, Joseph and their faction of the Drug War advocates to end the present highly unnatural situation where crack cocaine, which has to be smuggled thousands of miles into this country, is cheaper and more available to drug users than the one recreational substance that can be produced in peoples' closets, attics and vacant lots—marijuana." —John Holmstrom

TRANS-HIGH MARKET QUOTATIONS



Batesville, AR

Mexican bud "damn decent; big supply," **\$25-30** 1/4-oz;
\$260-300 1/4-lb;
\$950-1100 lb.
 Ozark bud "good to excellent," **\$30** 1/4-oz;
\$325 1/4-lb.
 South American bud "very fresh," **\$275-300** 1/4-lb;
\$1000-1100 lb.
Indica "not much around; high prices abound," **\$30-35** 1/4-oz; **\$120** oz.
 LSD "when available," **\$5-6** a hit; **\$250-300** a sheet.
 Cocaine "plentiful," **\$100** gm.

Isla Vista, CA

Sinse bud "smells like dirt, tastes like dirt; spacey high," **\$45** 1/4-oz; **\$140-180** oz.
 Local green bud "sticky and stinky," **\$60** 1/4-oz;
\$180-220 oz.
 Killer green hash/skunk bud "this is one of the best weeds I've ever had; one hit coats your mouth with sticky resin; outrageous spaced super stone," **\$75** 1/4-oz;
\$250-300 oz.
 Chocolate red hair "heavy body high; buds are red," **\$35** 1/4-oz; **\$100** oz.
 'Shrooms "if you know where to look," **\$35** 1/4-oz; **\$100** oz.
 Green hash "light and spacey," **\$50** 1/4-oz.
 LSD: liquid in sugar

cubes "clean, A #1 10-12 hour trips," **\$5** a drop.

Los Angeles, CA

Mexican "great high; real stemmy; still not the best," **\$40** 1/4-oz.
 Skunk "beehive between your ears; too expensive; great stuff, but who needs college dealers?" **\$70** 1/4-oz.
Indica "killer buzz; hope you don't have too much to do for three or four hours; great Hacky Sack stuff," **\$75** 1/4-oz.
 LSD: "weird stuff; wouldn't trust it," **\$2-5** a hit.

Bridgeport, CT

Killer green **\$50** 1/4-oz; **\$150** oz.
 Big Bud "knock you on your ass kinda shit," **\$65** 1/4-oz; **\$230** oz.
 Purple Skunk #1 **\$50** 1/4-oz; **\$175** oz.
 Red haired sinse "hope I don't float away," **\$140** oz.
 Black and blond hash **\$12** gm; **\$65** 1/4-oz.
 'Shrooms "the kinda things you build shit with," **\$10** gm; **\$165** oz.
 LSD: pink, yellow, green, and special edition bud dots "good shit," **\$2-8** a hit.

Danbury, CT

Mexican sinse "dry but good," **\$25-40** 1/4-oz; **\$100-180** oz;
\$1550-2000 lb.
 Green Mexican sinse "fresh and fine," **\$30-50** 1/4-oz;

Send quotations to: THMQ, 211 E. 43rd St., New York, NY 10017. THMQ is intended solely for informational purposes. All entries should be typed or neatly written: If you are unable to compose a legible entry after testing your samples, please wait until you have control of your penmanship before sending us your information. Marijuana is listed by 1/4-ounce, ounce and pound prices only. Don't bother sending prices for hard drugs. Prices in this issue are current as of February 22nd, 1989.

Dear Readers: Trans-High Market Quotations is NOT a mail-order service. Please DO NOT attempt to order items which appear in THMQ from the HIGH TIMES office. 'Cuz we DON'T sell 'em!

—Edie Barrett

\$120-200 oz;
\$1650-2000 lb.
 Various *indicas* "light green; skunky; not really worth the price," **\$50-75** 1/4-oz;
\$150-300 oz;
\$2000-3000 lb.
 Brown dirtweed "real bad," **\$20-40** 1/4-oz;
\$70-80 oz;
\$600-800 lb.
 Yellow hash "good," **\$5-10** gm; **\$25-35** 1/4-oz; **\$100-150** oz;
\$1200 lb.
 Black hash "okay," **\$10** gm; **\$40** 1/4-oz;
\$150 oz; **\$2000** lb.
 LSD: various kinds "real strong to light," **\$2-7** a hit; **\$100-175** a sheet.

Chicago, IL

Mexican skunk "moist from harvest; very stoney," **\$40** 1/4-oz;
\$130-150 oz;
\$1000 lb.
 'Shrooms "small heads; intense trip," **\$7** gm.
 LSD: liquid "very visual," **\$130** per 100

drop bottle.
 Mississippi River island weed "green; mostly shake; tastes good but hard to get stoned on it," **\$25** 1/4-oz; **\$90** oz.
 Skunk "from down south; moist; green with red hairs; best stuff in town; very tasty; great bong herb," **\$35-45** 1/4-oz.
 Brown weed "regional stuff with lots o' seeds; stemmy; not too good, but it's affordable," **\$70** oz.
 'Shrooms "tough to find unless you have the right connections, but worth the effort; long trip," **\$10-12** gm.

Indianapolis, IN

Colombian "fair to good," **\$35** 1/4-oz; **\$125** oz.
 Seedless *sativa* "mucho red hairs; not for the novice," **\$60** 1/4-oz; **\$160** oz.
 Sinse/*sativa* "seedy; good for most occasions," **\$35** 1/4-oz;

\$120 oz.

'Shrooms "these never fail to phase me," **\$110** oz.

New Orleans, LA

Skunk **\$35** 1/4-oz.
 Skunk #1 **\$40-45** 1/4-oz; **\$150** oz.
 Northern Lights **\$60** 1/4-oz; **\$200** oz.
 Homegrown sinse "good to excellent," **\$25-30** 1/4-oz;
\$100 oz.
 Dr. Hydro's swampland sinse "only at harvest time," **\$30-35** 1/4-oz.

Omaha, NE

Commercial brown "seedy; musty," **\$25-30** 1/4-oz;
\$300 1/4-lb.
 Colombian "hard buds; great smell; hashy taste," **\$30-35** 1/4-oz; **\$350** 1/4-lb.
 Mexican red hair "smells good; best buzz for the money," **\$40** 1/4-oz; **\$425-450** 1/4-lb.
 Skunk **\$50-60** 1/4-oz.

Ossipee, NH

Brown weed "seedy," **\$35** 1/4-oz.
 Green leaf "it will get you by," **\$20-25** 1/4-oz.
 Green bud "very stoney," **\$45-55** 1/4-oz.

Albuquerque, NM

Indica **\$220** 1/4-lb.
 Skunk bud "excellent; smell the bag and try not to cry," **\$30** 1/4-oz.
 Hawaiian "no one knows how it got here," **\$50** 1/4-oz.
 LSD: scorpions, goonie birds "flushed

the toilet and laughed at the concept," **\$3** a hit.

LSD: checkerboards "total euphoria, but the cramps are a bitch," **\$4** a hit.
 'Shrooms "laughed so hard I fuckin' looked like Tammy Faye Bakker; good price," **\$2-3** gm.

Buffalo, NY

Skunk #1 x NL #5 "huge 1 oz kolas," **\$60** 1/4-oz; **\$200** oz.
 Hawaiian *indica* x Kush x Hash Plant "great, powerful high; excellent taste; don't smoke and drive," **\$75** 1/4-oz;
\$250 oz.

Columbus, OH

Indica "some large kolas, some small; very sticky to the touch; quarter-joint material," **\$200** oz.
 Thai sticks "dipped in opium; from the Southeast Asian Triangle; overpowering stone; cough material," **\$85** 1/4-oz.

Galveston, TX

Mexican dirtweed "not worth the price," **\$25** 1/4-oz; **\$80** oz;
\$225 1/4-lb.
 Skunk "has red hairs; hydro hope," **\$30** 1/4-oz; **\$300** 1/4-lb.
 Mexican red bud "tasty," **\$30** 1/4-oz;
\$100 oz; **\$325** 1/4-lb.
 Arkansas Halloween herb "moist; orange hairs; hard to find," **\$35** 1/4-oz.

TRANS - HIGH MARKET LETTERS



CALIFORNIA

To all you bud crusaders who think you can corner the market with your campaign aimed at the "average Joe": Wake up and smell the coffee! This year marks my first successful investment in outdoor cannabis cultivation, and it *sucked!* Imagine—two cases of poison oak and nine months of watering, topped off with six weeks of "next to plant observation." Not to mention dodging helicopters, fuckhead thieves, mosquito bites, and partner squabbles. Armed with wrist rockets, a bow and arrow, and an emergency 12 gauge in my buddy's trunk, cultivating was the toughest experience of my life. Out of 50 plants, only 26 turned out female, and only 10 grew to be over six feet.

While reading *HIGH TIMES*, I came across another "price bitch" (that asshole in New Hampshire who wrote a letter in your Dec. '88 issue). Man, you think you care about the "average Joe," but wait until he's the dick ripping you off. You live in a dream world, pal. Karma awaits. You won't feel it until the buds start forming, then your heart begins to race, and soon enough you'll look back and your stupid ass will see the light. Your letter masterfully illustrates how green you are. I made about \$4000, and I earned it selling at \$10 a gram—no breaks. I don't want to sound greedy, but listen to my words: it's waaay cold on the streets, baby; watch your ass, grow alone (less plants, less chance), never show anyone your crop, and always remember the grower's golden rule—The tigers and lions kill what they need, and the hogs get slaughtered.

—Ralph the Roach Master
Berkeley, CA

FLORIDA

The drought here ended earlier than expected. Things were plenty rough for a while, but now there's weed aplenty.

Good green bud (locally grown) is \$30-40 a quarter-ounce. The Kill goes for \$50 a quarter and up. Occasionally there is Thai weed around for \$70 a quarter.

Outdoor growers beware...

—B-man

Orlando, FL

ILLINOIS

I have been reading a lot of stuff lately about how cops are out to get everyone who is directly or indirectly involved with drugs. I admit that there are a lot of asshole cops out there who are only interested in filling their pockets and their noses, but remember "What goes around comes around." They will get theirs one day.

As far as getting busted for drugs goes, if you walk up to a cop and say "Hi, my name is Joe Dickhead and I have four ounces of herb, a gram of blow and a .45 in my jock," he's gonna pop your ass. And if you're buying or selling whatever on the street, it's essentially the same.

I just want to say stay off the streets. Get a connection, and stick to home delivery and/or distribution.

PS—I am a cop, and I love to get high. I don't pocket shit I confiscate, but I don't buy my shit on the street. So smoke smart—if you're fucking around on the street, you will go down. Stay safe, stay stoned, and stay home.

—Johnny Roller

Chicago, IL

MASSACHUSETTS

The ganja situation isn't too good around here. Herb goes for \$50-60 a quarter-ounce. It's skunky and all, but the price is still high and the bags are getting skimpy from what I've heard.

This War on Drugs is really weird—pot prices go up, coke prices go down. If pot were legalized, everyone would benefit. Look at alcohol and tobacco for a second. A lot of evidence now suggests that pot is not as harmful. Hopefully the situation will improve for all of us. Just say Norm!

—J.T.

North Adams, MA

NEW MEXICO

I have something I'd like to get off my chest and direct to all my brothers and sisters who work long and hard and then get high when the day's over. Don't pay black market prices for your doobage, man! All you're doing is paying for some asshole's dirty habits. Some of these guys jack up their prices so they can fix

themselves up with some disgusting hardcore drugs.

Good karma and mellow vibes will direct your life towards another brother or sister who offers good smoke for a good price. There are still good people left in our capitalistic society. Let the burn artists, rip-offs, and con men sell to each other and live the "Miami Vice" lifestyle... as for me, I think I'll take a few more bong hits, listen to Bob Marley, and hang out with the Hippie, the Rasta Dread Head, the Duke Boys, the Biker, and the Dead Head Girls from down the lane.

"... Ain't nobody feelin' no pain."

—Kellentine

Lovin' life in NM

NEW YORK

Help! Good pot is rare here; \$40 for a quarter-ounce of stemmy, seedy, bone-dry ditchweed is the norm. If it weren't for my monthly centerfold, I would have forgotten what a sweet, sticky eighth-ounce bud looks like. Somebody please, please fill this void! Humboldt, Hawaiian, Soviet Gorby pot—we don't care! Just as long as it sticks me to the ceiling. My bong and I are anxiously waiting!

—K G B-less

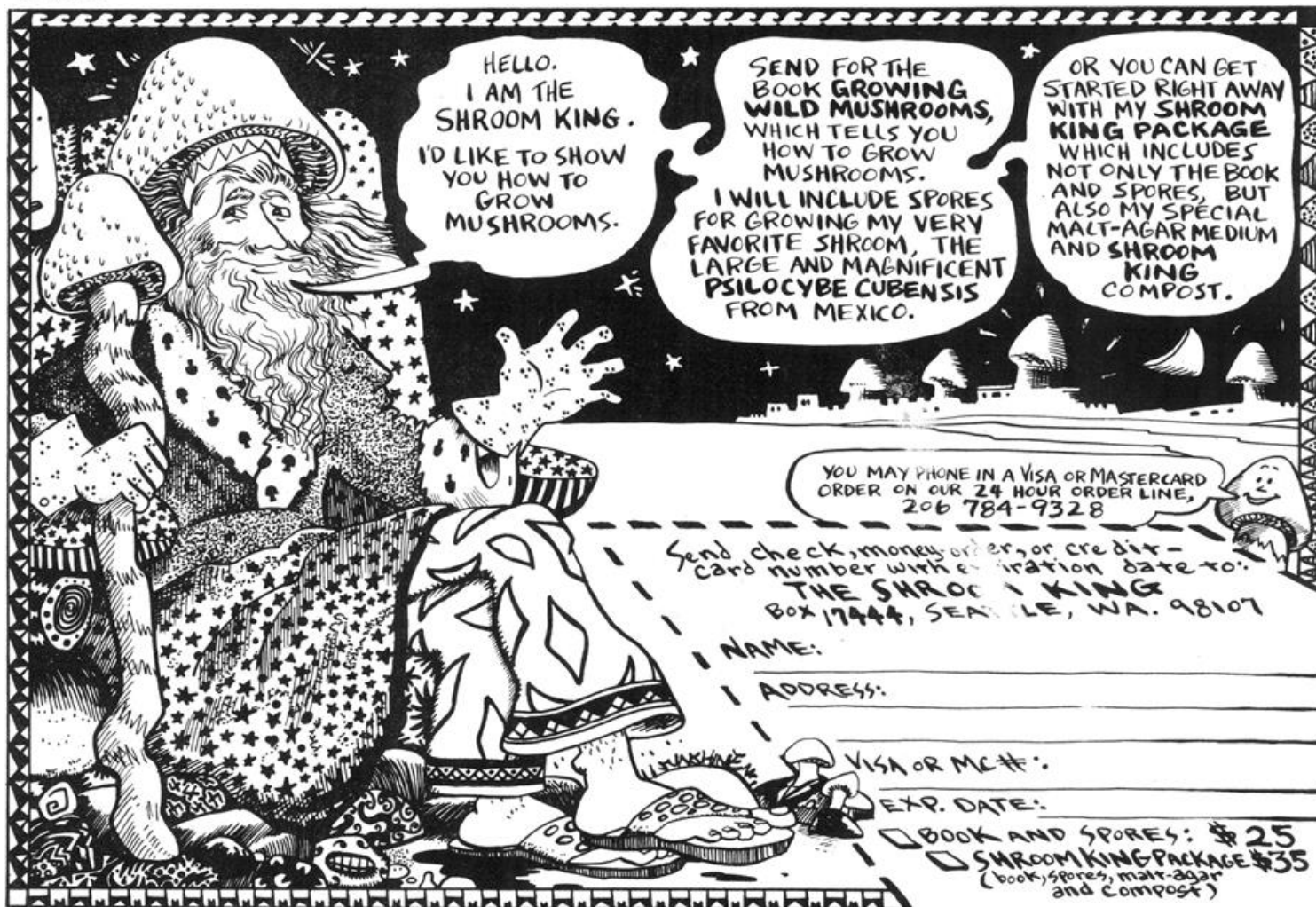
Watertown, NY

Here's the news from upstate New York (and I'm talking about God's country near Canada). I'm sorry to say that the best is gone for the year—that ass-kicking homegrown we call "bean." Like all the other imported strains that are grown up here, it was getting \$50 a quarter-ounce and \$200 an ounce. Hopefully, there might be some stashed away for later in the year.

Anyway, it was a good year for the growers up here because the cops seem more interested in looking for cocaine (which, from what I hear, has been cut more times than one of Freddy Krueger's victims). There's Hawk weed if you know the right people. It's seedy but great and fetches \$30 a quarter-ounce and \$120 an ounce. Then there's the imported shit: Colombian/Mexican at \$45 a quarter-ounce and \$175 an ounce. There's lots of shake to be had, too, for \$15-20 a quarter-ounce (big bags, too).

I travel a lot in my job, so I sometimes have to look for weed on the road. Boy, is it hard to find weed in unfamiliar territory! So next time someone you've never met before asks "Where's the smoke?" help him out. But first find out if he's a cop. Nobody wants to get busted! Let's all be Norm!!

—Rollme A. Doobie
Ogdensburg, NY



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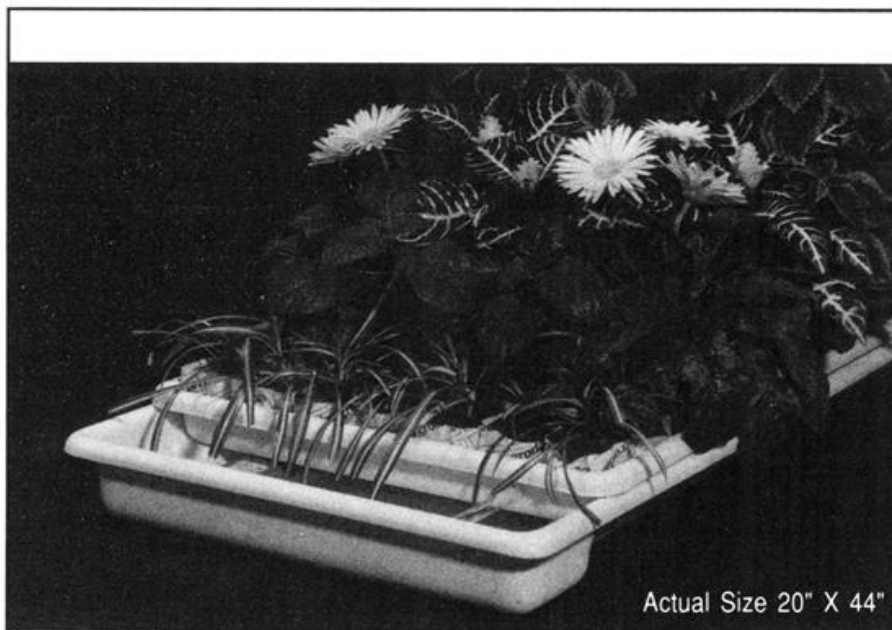
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For more info about the Illinois events, call the Marijuana Action Committee in Madison, WI: 608-257-KILO.

May 6—New York Marijuana Day, 11 a.m. at Washington Square Park to 3 p.m. at 70 W. 132 St. (Rep. Charles Rangel's house). Sponsored by the Coalition for 100% Drug Reform. Call: 212-995-1245.

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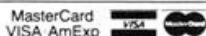
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This chart is designed to give a basic idea of the penalties involved if you're busted in these states. In the first states, possession of small amounts of marijuana is decriminalized. It sucks to get busted no matter where you are, but in these states—in cases of simple possession only—you have a better chance of avoiding jail. The last states listed are those with the most restrictive marijuana laws and the stiffest penalties.

INJUSTICE FOR ALL: A GUIDE TO US POT LAWS

by Judy McGuire

In a hearing held last September, DEA chief administrative law judge Francis L. Young declared marijuana to be "one of the safest therapeutically active substances known to man." Citing reliable medical authorities, Young stated that "There are simply no credible medical reports that suggest that consuming

marijuana has caused a single death." Young went on to say, "By contrast, aspirin, a commonly used medicine, causes hundreds of deaths each year."

Despite Judge Young's ruling that pot is safer than aspirin, thousands of Americans are persecuted, prosecuted, harassed, and jailed each year because of

the stigma attached to this relatively harmless drug. The recent passing of the Omnibus Anti-Drug Bill marks the climax of the anti-drug hysteria that has been building for the last eight years. And with the ultra-conservative Bush administration taking over, things don't look as if they'll be improving anytime soon.

STATE BY STATE

Leaving the new Omnibus Anti-Drug Act and other federal laws aside, individual states still have widely varying statutes regarding the possession, cultivation, and sale of marijuana. What will get you one year in Tucson may only get you a small fine in Toledo. Some states—like Oregon—are very lenient when it comes to possession, but watch out if they nail you for growing—even *one plant* can get you a 20-year sentence and a \$100,000 fine! The discrepancy between the laws of different states is confusing, to say the least.

Alabama, Alaska, Arkansas, Colorado, Maine, Maryland, Massachusetts, New York, Oklahoma and Oregon are states that distinguish, and give lesser penalties for, persons caught with small amounts deemed for "personal use" in private. The same amount used or displayed in public reaps a harsher penalty. North Dakota and Mississippi both have provisions in their laws for marijuana found in vehicles, making the possession violation much more serious; both states change a fine into possible jail time. New Jersey has a two-year loss of driver's license provision attached to its already stiff possession penalty.

Quite a few states, Arizona and New Jersey among them, doubled the penalties if the drug violation occurs within 1,000 feet of a school even if you are busted for drugs in your own home! It makes no difference if school is in session—it could be 2 AM, mid-July, or during recess—minors don't even have to be anywhere near the bust.

On the other hand, it's very possible you might have to spend the rest of your life in jail if you're caught cultivating or selling large amounts of weed in Montana, Missouri, or Nevada.

Although it's not quite a life sentence,

Arkansas, Connecticut, Oregon, Florida, Louisiana, Virginia, Rhode Island, Texas, Oklahoma, Mississippi, and North Carolina slam the large scale grower/salesperson with a possible 20-30 years in jail. Mississippi has the distinction of being the only state with a ceiling of \$1,000,000 on its cultivation/sale penalty to go along with the possible 30-year incarceration. North Carolina's law has a new mandatory minimum sentence of 35 years for possession, sale, or cultivation of over 10,000 pounds.

FORFEITURE

Many states have forfeiture provisions written into their drug laws, making properties attached to the drug offenders liable to seizure by the state. On the federal level, the US Customs Service's "Zero Tolerance" crackdown, netted the service a fleet of luxury yachts in the last year. The ever-zealous Coast Guard, which can seize boats found to be carrying even the smallest amount of drugs, confiscated one unlucky man's yacht after finding a few seeds and two stems on board. Possibly the most famous case of boat-seizure came when the infamous "Monkey Business"—the "love boat" of would-be-Democratic-presidential nominee Gary Hart and paramour Donna Rice—was impounded after the Coast Guard found a joint on it. Only after paying a hefty fine was the wayward vessel returned to its owners.

Forfeiture provisions are not limited to boats. The Federal government can seize property involved in any kind of drug activity. In Illinois, the Justice Department seized a suspected drug-dealer's gas station. They later returned the property to the dealer's widow after discovering that the business came with an outstanding \$125,000 bill from the Illinois Environmental Protection Agency for emergency cleanup. A

Florida man, arrested by the US Border Patrol with a small amount of marijuana and more than \$400,000 in cash in his car, wound up being charged with possession of less than one ounce of marijuana—a charge which was later dismissed—but ended up losing his bankroll. Government prosecutors deemed that the money should be forfeited because the man was allegedly on his way to purchase a large amount of marijuana—a charge he denies.

After stopping a car for a routine traffic violation, a Florida Highway Patrol trooper confiscated \$8,180 in cash when the driver could not give the officer an "acceptable" explanation for carrying such a large wad. The cost of litigation involved in small forfeiture cases often discourages the victim of wrongful seizure from fighting the case in court.

State governments usually have different forfeiture guidelines for different amounts and types of drugs. These guidelines include the forfeiture of drug containers, cars, money, and other valuables. But in California and many other states they can't seize your car if it's your family's sole means of transportation.

Only 17 states currently have the same type of real estate forfeiture provisions that are already written into Federal law. This figure is sure to change for the worse in the next few years, so that not only can the US government take your home, but the local sheriff's department can join in the bounty-hunt as well.

CONSTITUTION? WHAT'S THAT?

Getting illegally-obtained evidence to stand up in court has always been a constitutional nightmare for prosecutors. Illegal searches (those carried out without a warrant or probable cause) are usually considered

unconstitutional and the evidence obtained from them thrown out of court. However, a recent US Supreme Court decision allowed prosecutors in Florida to introduce evidence gathered by police using a helicopter. The whirly-bird flew 400 feet over a greenhouse that had marijuana plants growing in it, visible only from the sky. The police used the information gathered from the flight to obtain a warrant, but the Florida Supreme Court ruled it an unconstitutional search. The US Supreme Court disagreed—a fixed-wing aircraft can fly no lower than 500 feet, but since there are no regulations regarding helicopters, this was not considered an invasion of privacy.

In yet another case of civil rights erosion, a Florida State Court of Appeals ruled that police can search passengers' luggage on public buses at random. No reason necessary—a funny haircut, a suspicious walk, and your privacy is history.

THOSE MADCAP POLITICIANS...

As if the current climate weren't hostile enough towards pot smoking citizens, there are always a few politicians ready to make things even more oppressive. For example, the Tennessee Sheriffs' Association feels that anyone convicted of hawking drugs to a minor should be *executed*! This would include a first-offense sale of marijuana to a teenager.

A bill introduced in the Delaware State Senate would bring back public whippings as punishment for those convicted of drug offenses. Delaware, the last state to abandon the whipping post (in 1952), still had corporal punishment on the books until the early '70s. Democratic leader Senator Thomas B. Sharp feels that the drug problem is serious enough to warrant restoring this sadistic practice. The ACLU, which vehemently disagrees, is currently investigating the constitutionality of the whipping post.

Representative Al Edwards of Texas has a novel, not to mention morbid, idea for dealing with drug dealers. The bill he's sponsoring calls for dealers to lose the tip of a little finger the first time they're convicted. With each subsequent conviction, they would lose a full finger.

While these penalties seem far-fetched, these are the opinions of people who are running this country! Drugs are being used as a scapegoat for the problems that America faces today—homelessness, AIDS, unemployment, crime, and hunger. The politicians feel it's easier and safer to attack drugs than it is to deal with deeper and more controversial issues. And they don't care if they end up shredding the Constitution to do it. ●

Turn to page 88 for a complete state-by-state listing of pot laws in the US.

TAX STAMPS

Because of a loophole in new tax-stamp legislation in at least one state, penalties levied on marijuana users seem to have been considerably reduced. Recent reports indicate that cases involving possession, cultivation, and/or distribution of marijuana when the defendant is in possession of the proper tax stamps have resulted in convictions for the record with no other penalties issued to the offender.

Arizona, Illinois, Kansas, Minnesota, and Utah are among a growing number of states trying to cash in on the profits of the illegal drug market by selling tax stamps to drug dealers. The law, which is fairly uniform in the states selling stamps, requires that all controlled substances must have a tax stamp permanently attached to the package. Stamps are issued in various denominations with expiration dates. The cost of the stamps range from \$3.50 to \$5 a gram of pot, \$200 to \$250 a gram for coke and \$2,000 for 50 doses (or any part thereof) of LSD, amphetamines, or other controlled substances sold by dose rather than weight.

The stamps are sold by the revenue departments of these states. The revenue departments are not supposed to pass information about the purchaser's identity on to any other department of the government. Some states do not require a name or address at all.

Theoretically, if arrested for possession of a controlled substance in a "tax stamp state," you are not only subject to the standard criminal codes of the state, but—if you

do not have a current tax stamp in the proper denomination attached to the package as evidence that the correct tax has been paid—you are also liable for back taxes and penalties for tax evasion.

Many other states, including decriminalized states such as Ohio, Maine and California, also have tax laws which could easily be applied to drug dealers. These states, however, haven't chosen to spend their tax revenue on printing stamps or hiring additional staff to administer a tax stamp program.

At first glance, the idea of tax stamps seems like a pretty good one for the state governments. But upon further investigation, it's clear that legislators have overlooked a number of important facts.

First of all, for obvious reasons, people involved in the use, manufacture or sale of controlled substances have a strong aversion to filing their names and addresses with the government for any reason—especially when it comes to registering as an illegal drug dealer. Accustomed to breaking laws, it seems unlikely that dealers will suddenly become law-abiding citizens eager to see that their state receives its fair share of their profits.

Secondly, on the enforcement level, tax stamp laws run into another problem. Police know and enforce the criminal code, but are not inclined towards learning tax codes as well. Although these laws are on the books, cases involving them rarely come up.

Although there are usually a significant number of stamp buyers when a state first adopts a tax-stamp law, most of the stamp purchasers have been stamp collectors and prohibition memorabilia buffs. And drug dealers just keep doing their business—as usual.

—Lois Glover

Interview: Abbie Hoffman — Part 1

"We risked our lives"

by John Holmstrom

Abbie Hoffman is best known as a '60s political activist—the original Yippie, a member of the Chicago Seven, and author of *Woodstock Nation*. His classic *Steal This Book*, has recently been reprinted (available from Contemporary Classics, P.O. Box 15, Worcester, MA 01613, \$8.00 plus \$2.00 handling). Co-written by HIGH TIMES founder Tom Forcade, it's a complete guide to the *real* '60s counterculture lifestyle. Today, Abbie Hoffman has inherited the mantle as the leading, loudest, most influential media symbol from the political movement of the '60s, largely because he has stayed close to his roots, and is still committed to social change.

This is one of a series of interviews we're running to mark the 15th anniversary of HIGH TIMES, the endurance of the counterculture, and the memory of Tom Forcade, the founder of HIGH TIMES.

High Times: We get the feeling here at HIGH TIMES that there has been a rebirth of some of the idealism and political activism of the '60s. I was wondering if you feel it, too.

Abbie Hoffman: I've known it for four years—from the growth of the anti-apartheid movement on campus. There are now over 200 colleges that have kicked South Africa out of the stock portfolios of their university—some six billion dollars. That's not exactly a career/marriage/yuppie interest. There's over 180 schools that have kicked the CIA out of campus in terms of recruiting. Around the country, as I speak at college campuses, I see schools that are fighting curfews, fighting campus controls of newspapers, holding pot protests, protesting the absence of minority programs, fighting a growing racism that's happening on campus—fighting all kinds of battles. At the same time, this generation went three to one for Bush. That's pretty far out.

I would say we're in a state of great transition. We're passing out of a period of passivity on the part of the citizenry, a kind of nihilistic pessimism on the part of the youth, and headed towards a period of increased participatory

Abbie Hoffman in 1969.

democracy and increased activism. I would also say that since we lost the Vietnam War, America has been on the decline as an empire, which means things happening in other countries are going to have a tremendous effect on us. So when 85% of Europeans say they want nuclear weapons out of Europe, it's going to impinge upon what's going on in American society. What goes on in Russia and China and South America is going to have a much greater effect on what goes on in America now. We've lost the role of being the policeman of the world. Other countries are going to start telling us what to do, and telling us what their culture is all about, like how they solve problems like drug abuse, how they solve problems like crime, and how they solve environmental problems.

HT: Although we're talking about a new awareness by young people, the only media coverage I see about this is the reporting of the return of hippie fashions.

AH: That's on the superficial level at which they can relate to the '60s—in terms of dress or music because that's the most saleable commodities. The politics is very frightening to them. Well, naturally—it's revolutionary.

HT: It seems to me that, in the '60s, the media helped fuel the youth revolution. It created youth culture celebrities like yourself and Jerry Rubin. Now, the media is ignoring what's going on. They are ignoring campus activism and marijuana protests.

AH: By 1967 or '68, I had spent eight years organizing. The media was ignoring what I was doing for eight years. There were structures in the '60s, even though many were non-linear. There were leaders,

even though the FBI knew who they were.

The unfortunate thing is that many young people view the '60s like an MTV video. You know, it's a bunch of chanting, long hair, tie-dye shirts, flares and rock and roll. On the other hand, far too many of the books written about the '60s are academic and intellectual, when, in fact, the period was anti-intellectual and anti-academic. So the counterculture, the things HIGH TIMES represents, gets extraordinarily shortchanged.

But the role that the media played in terms of the social changes is tremendously important to understand. Quite frankly, there's a great misconception out there that I did things for the media. I've never in my life done anything for the media. I've spoken to crowds of hundreds of thousands, and I used a microphone, because I couldn't reach them with my voice if I didn't. In the same way, we used the media to enter the fantasy world of hundreds of thousands, if not millions, of people in this country and around the world. We just used it as if it were a big microphone, that's all. It wasn't given to us. We had to steal it and fight for it and be very creative in terms of how we did it. I don't think some of it was very smart. But many of the people in the '60s are the best organizers I've ever met in my life.

I think it was mostly organic in a generational sense, because we came of age getting our news and information via television, whereas the captains of industry and the generals in the Pentagon at that time were still linear—still getting their information from newspapers. The understanding of



AP/WIDE WORLD PHOTOS

television was tremendously important. In that sense Marshall McLuhan had equal, if not more, impact on the '60s than Karl Marx.

We can understand the same thing now. If you're in social activism and you don't use and understand computers, telefaxing equipment, and high-speed automated digital dialing, you're out of the ballgame. You can't sit there and pass out a handbill or a button on a street corner in Milwaukee, Wisconsin and think you're creating a national movement. No way. This is one reason why the right moved far more ahead in the '70s than the left. There were other reasons too—because they wrapped themselves in religion. But they did master the computer technology.

Many people on the right, even a Jerry Falwell, will say, "We studied what you did in the '60s." They did. They studied the method. And I don't think, in the social movements today, they really pay attention to our methodology. They're very concerned with debating—whether we picked the right issue or not. They're not concerned with the pragmatics of actually how we did it. I think as we move along, there will be less anecdotal remembrances: "What happened to Jerry Rubin or where is Grace Slick now?" Instead, on the part of a good percent of young activists, there will be a search for: "How did they build an SDS? How

It's a yuppie book. The most popular Americans were Nixon and John Wayne.

I don't think the majority of good citizens liked it when the Sons of Liberty, in 1775 in Boston where I come from, shot at the British in Lexington and Concord. I think they were angry. They wanted the ships to run on schedule. They wanted to be tough on crime—the Redcoats were the cops.

So, this is what it is. It's a small group. And it's very important to pass this on to young activists—that we didn't have everybody on our side. We had enough. That's what I tell them. We had enough people to make change. But we had to work very hard. We had to take enormous risks. We had to think beyond careers and marriage. We risked our lives. We had a historical perspective—that there were people taking tougher risks in the '50s, and many more in the '30s.

You know, I think this is quite an exciting, astonishing time to live through. I mean, I wish I was young again, frankly. One thing I'd do if I was young would be to go to Russia, because I would want to help break down the Cold War and understand what it feels like to be in a society that's having a youth revolution.

HT: What do you remember about Tom Forcade?

AH: Well, he made a significant

many, many of us that worked on that who thought it was extraordinarily effective, that our organizing techniques were correct, and that we should keep organizing the counterculture into a political movement and bring it to Chicago.

HT: I don't remember the levitating of the Pentagon.

AH: There was an anti-war demonstration at the Lincoln Memorial in October 1967, at which there were about 120,000 people. About 50-60,000 of those split off and attacked the Pentagon. The object was to surround it. Those of us in the counterculture were saying five-sided figures in all religions were evil. So if you circle around it, it would exorcise the Pentagon of all its evil demons.

The Pentagon had to bring out the National Guard by the thousands, with fixed bayonets and helicopters and armored carrier vehicles to defend the Pentagon against its own people. But we were there overnight, thick and thin, with a lot of head-bashing. I was arrested at least three times in one day there. Occasionally a rock or a button or a shoe was thrown at the Pentagon, and we knew things were getting a bit more militant.

The levitation wasn't a regular sit-in or anti-war rally—which we had about 1,000 of between 1964 and 1967. This was a significant event in the anti-war movement. Around the world, photos of that were absolutely stunning, because the biggest symbol of war is the Pentagon. So to have 50,000 people attacking it, surrounding it, to see it defended by its soldiers, gave people around the world, especially the Vietnamese, an incredible—my God, America is in a state of civil war! The people are marching against their own institutions!—that's what was happening.

HT: Were you involved in the formation of the White Panther Party?

AH: Sure. They were the Yippies. They were just doing it locally and trying to follow some of the models of decision-making that the Black Panthers had. They all said they were Yippies, too.

HT: Who were the Motherfuckers?

AH: They were not Yippies. They would be insulted if I called them Yippies. They were a street organization on the Lower East Side, 1966-67-68, and even up to '69. They played a role at Woodstock. They were located in the Lower East Side and were a small, nefarious, I guess you could use the word if you want, anarchist group.

HT: I know Tom Forcade was involved in

continued on page 74

"Now, as I look at young people, my main criticism is that they're a little too middle-aged."

did they build national marches in Washington? How did they create strikes in a thousand universities at once across the country?" Now, we're getting to the nitty gritty of it.

Now, as I look at young people, my main criticism is that they're a little too middle-aged. They're a little too old. They're not reckless enough. They're not daring. They're too scared. They're not risk-taking. They want to be sensible. They want all these things. They want to be nostalgic for youth.

HT: The kids today don't seem to be able to do it themselves. They expect the mainstream culture to create a youth culture for them.

AH: The demographics are slanted against them. The economics are slanted against them. But again, generations don't make change. It was a very small minority, given the whole population, that resisted oppression and resisted the Vietnam War. In 1968, the most popular book on campus was *The Money Game*.

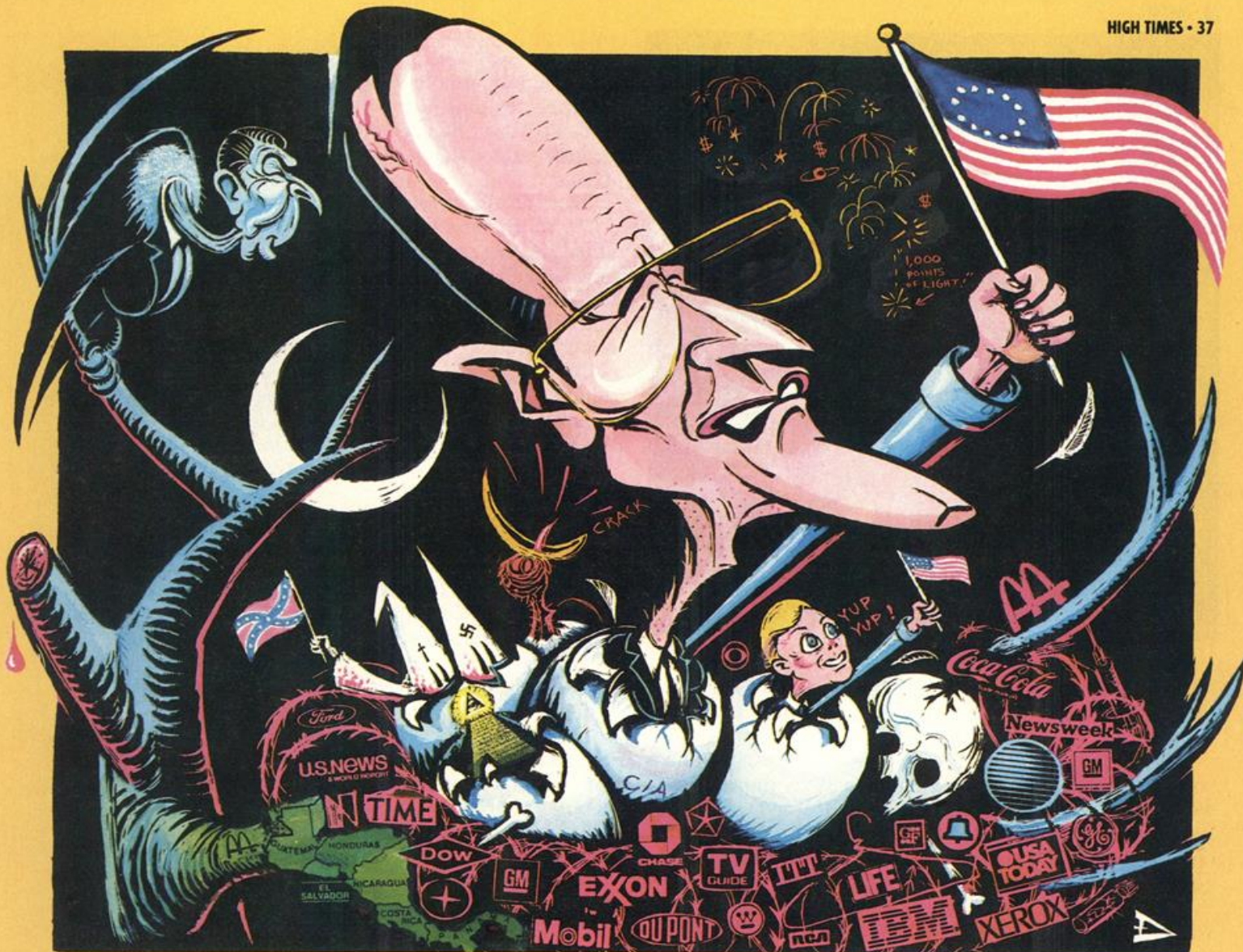
contribution to the cultural revolution.

HT: Do you remember your first dealings with him?

AH: I guess it was in the establishment of UPS (Underground Press Syndicate), when he was trying to syndicate the underground newspapers, of which there were about 5,000 at the time, and bring advertising into those papers. I remember him, of course, in 1971 and '72—we had tremendous arguments about his role in *Steal This Book* and how much money he should get. Then in 1972, at the Miami convention when Yippie was splitting in two we had a bunch of arguments.

HT: When was YIP (Youth International Party) formed?

HT: December 31st, 1968. It was formed with a number of ideas in mind, but most technically as an organization to get people to come to the convention in Chicago that summer. It was a natural development after the levitation of the Pentagon in October of 1967. There were



GUNS, DRUGS, AND MONEY: THE TRIANGULAR TRADE AND AMERICA'S POLITICAL MERRY-GO-ROUND

Written and Illustrated by Eric Drooker

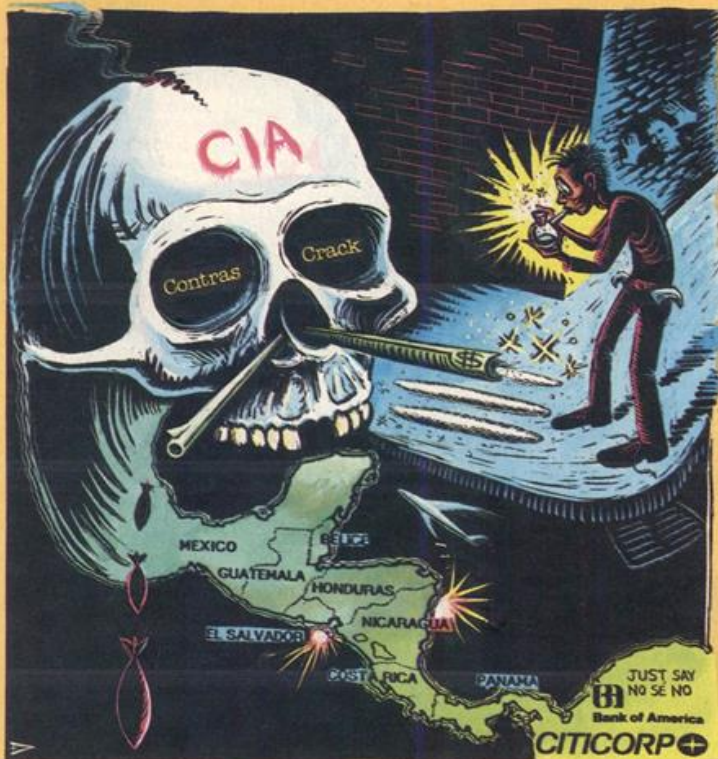
While still in its infancy, colonial America established a trade network based on the "peculiar institution" of slavery, sugar, and alcohol. In the late 17th century this network allowed the colonies of New England to reap enormous profits. Known as the *triangular trade*, this three-cornered trading pattern was extremely efficient: New England ships carrying rum would sail for Africa, where they would take on cargoes of slaves. These kidnapped Africans were carried to the West Indies and sold as slave laborers needed to harvest sugar cane. Sugar and molasses would then be hauled up to New England, to

be manufactured into rum.

In addition to being extremely lucrative, this primitive drug business had unexpected consequences for the indigenous population of the New World. Native Americans, like humans everywhere, had a weakness for alcohol that was quickly exploited by the European settlers. Making alcohol readily available to the "Indians" caused widespread addiction, and in their weakened condition America's native people fell easy prey to the pioneers who, in the name of "god" and "manifest destiny," massacred them. To this day alcoholism continues to be the scourge of Indian reservations, the way heroin and cocaine have become a malignant cancer in America's inner-cities.

Just as alcohol prohibition in the 1920s only drove the liquor business underground, today's heroin and cocaine prohibition has led to extensive drug-smuggling, black markets, and consequently astronomical street prices. These inflated prices have a direct relationship to the increase of street crime and violence in US cities, and, in turn, have led to a legitimate outcry by the public, asking the government to take action.

While vice president, George Bush headed the South Florida Drug Interdiction Task Force as part of the government's "War On Drugs." During this period the amount of cocaine imported into the US quadrupled—becoming so plentiful in fact, that the price has actually dropped from about \$50,000 per kilo in 1981 to its current



level of about \$12,500. No longer the "rich man's drug," cocaine is now readily and cheaply available on street corners and in school-yards in the form of smokable "crack."

The revelation that the CIA is involved in drug-trading is so shocking to most Americans, particularly those working in the mainstream media, that this aspect of the Iran/contra scandal has been all but ignored. But fighting communism is big business, and using drugs to finance its covert wars is nothing new for the CIA. During the Vietnam War, America's inner-city streets were flooded with heroin from Southeast Asia, supplied by CIA-sponsored players in the so-called "secret war" that was taking place in Laos.

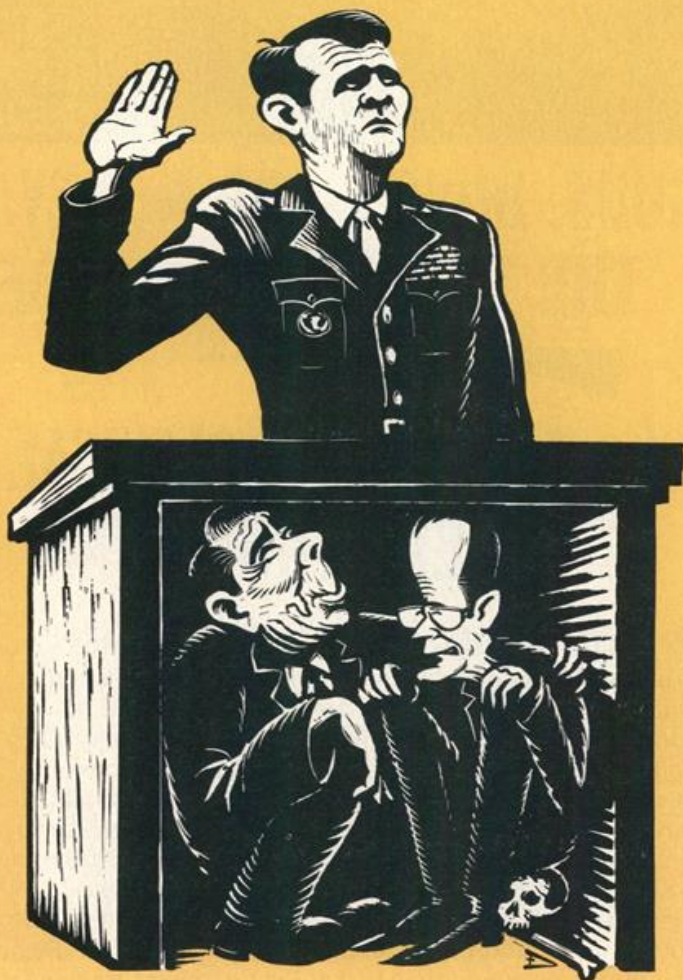
During the public investigation of the Iran/contra scandal, the testimony of Oliver North was broadcast throughout America. Regularly scheduled TV shows were preempted. North was portrayed as a national hero because, though he broke the law, he did it in the name of fighting communism. US senators were very gentle in their questioning of North, and the issue of drugs was barely touched upon. Television cameras ignored the banner that was unfurled by a spectator at the hearings which read: "ASK ABOUT COCAINE!" (This spectator was instantly jumped and arrested, and is now serving a three-year prison sentence.)

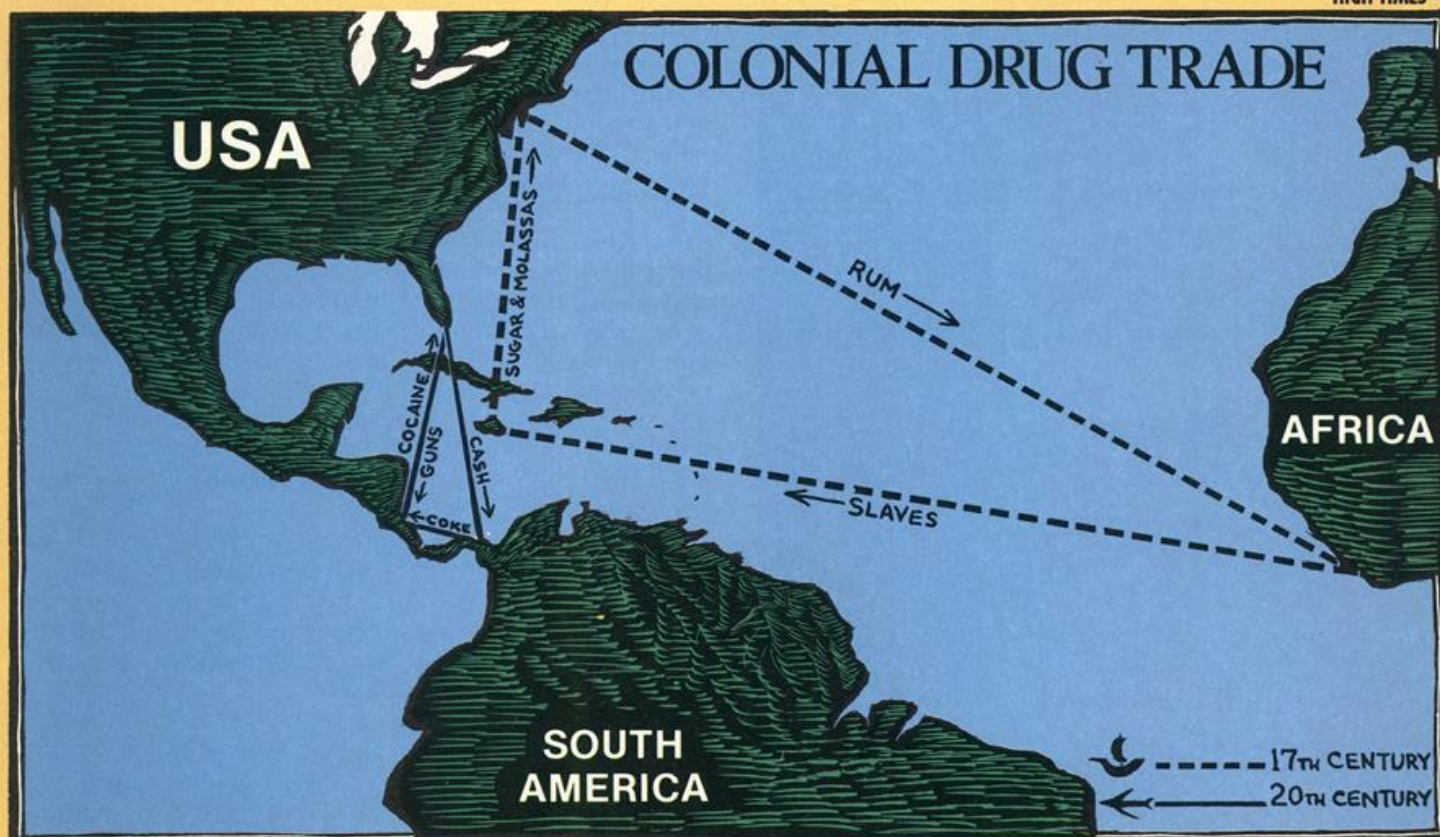
Another key personality questioned during the Senate investigation was Ramon Milian Rodriguez. Interestingly, unlike North, Rodriguez' testimony wasn't televised. US senators decided that his information was too sensitive to be shared with the American public. Rodriguez was convicted in 1985 for money laundering in Panama for the Colombian Medellín Cartel, which is responsible for 80% of the cocaine entering the US, according to the DEA. As chief accountant for the Cartel he used to pay General Manuel Noriega \$4 million a month for the privilege of doing drug business in Panama. He testified that he had laundered \$10 million in contributions from the Medellín Cartel to the "freedom fighters" at the behest of a CIA veteran and key figure in the White House supply network.

Implicated in the money laundering are America's largest multinational banks: Citicorp and Bank of America, to name just two. Of course, these same banks also exert enormous economic power within the media-conglomerates that provide most Americans with their news.

In an interview with journalist Leslie Cockburn in June, 1987, Rodriguez stated: "There seems to be a big to-do about the CIA having connections with drugs. It might be news now, but it's something that has been quite prevalent for quite some time. Outside of the United States, drug dealers are very powerful people. They have the ability to put governments in power or topple them, if they do it subtly. They have cash. The CIA deals primarily with items outside of the US. If they want to deal in foreign countries' policies and politics, they are going to run up against, or run with, the drug dealers. It can't be done any other way ... if the end result is for the benefit of everyone, it usually works."

Immediately after the Sandinistas toppled the US-backed Somoza dictatorship in 1979, the US government tried desperately to subvert Nicaragua's socialist revolution. The CIA assembled an all-mercenary army comprised of ex-Somocista National Guardsmen. These counterrevolutionaries, or "contras," have been waging a terrorist war not on Sandinista soldiers, but on the civilian population of Nicaragua. Amnesty International has reported that doctors, children, school teachers, and community organizers are almost the exclusive targets of contra attacks. Violent massacres are commonplace in this war of fear, with the majority of victims being young people.





After it was revealed that the CIA had secretly directed the mining of Nicaragua's harbors, and pressure from an outraged American public mounted, military support for the contras was banned by Congress. Ignoring this congressional order, called the Boland Amendment, Reagan's "secret team" continued to arm the contras covertly.

With the contra's military budget slashed, another method of raising funds was utilized: the highly lucrative drug business. According to George Morales (another convicted drug smuggler), "They needed the financial support for the contras and it was one more way for them to obtain that financial support. The word came down from Washington, from the top, that no matter what has to be done in order to get money to supply the contras has got to be done." What motivated him, he says, was CIA protection, "the protection of the US government, from the CIA, otherwise, you know, we wouldn't be able to do anything."

The CIA offered airstrips, radar clearance, and no customs inspections. The Cartel provided pilots, airplanes, and money. A triangular trade was established by the secret team whereby the contras received weapons that were flown in from Florida to Costa Rica, the country on Nicaragua's southern border. The airplanes would land on a Costa Rican property owned by John Hull, an outspoken American anti-communist and CIA operative. On his ranch the weapons would be unloaded and the same plane would be re-loaded with cocaine that was then flown back to Miami and sold on the US market.

Gary Betzner, a pilot serving fifteen years on a drug charge unrelated to his contra missions, explains in Leslie Cockburn's *Out of Control*: "I took two loads—small aircraft loads—of weapons to John Hull's ranch in Costa Rica and returned to Florida with approximately a thousand kilos of cocaine, five hundred each trip." George Morales, his boss, "gave me a rundown on what was going on, that he was working with the contras and it was

sanctioned by the CIA... and it went all the way from George Bush down." (On January 13, 1989—the same day the four most serious of the sixteen charges against Oliver North were dropped—the Costa Rican government arrested John Hull for spying for the US, as well as engaging in gun and drug running.)

The notion that a government would import hard drugs into its own country for the purpose of "fighting communism" abroad may seem, on its face, absurd and idiotic. But upon closer examination there appears a sophisticated method of counter-insurgency that is extremely effective—not only in "third world" countries, but domestically in the United States as well. The effect of drugs such as cocaine and heroin on urban working-class communities is much the same as wars in underdeveloped countries. Indeed the infusion of drugs into poor Black and Latino neighborhoods can be viewed as a form of chemical warfare. Just as the contra war in Central America is primarily a war against Nicaraguan youth, drug warfare in North American cities is a profitable way to debilitate and criminalize the most vital, young, and potentially revolutionary element of society.

The growing epidemic of crack in US inner-cities and the violent behavior associated with the drug has precipitated a call for more police in the affected communities. A special death penalty for pushers and cop killers has been called for by New York Mayor Ed Koch.

Recently, Larry Davis (a.k.a. Adam Abdul Hakim), a twenty-two-year-old Bronx youth and confessed crack dealer, was found not guilty in the attempted murder of nine police officers. His lawyers, Lynne Stewart and William Kunstler, had uncovered evidence that Davis was the victim of a larger operation to actively recruit ghetto teenagers as front men for rogue police officers in a lucrative cocaine and prostitution ring. Davis claims to have been recruited by cops to be a street-level pusher when he was fifteen years old. He would sell crack in his community with impunity, courtesy of the police, who



even supplied him with a shotgun. Not only did these cops make enormous profits selling cocaine they had confiscated in other busts, they always had a list of "permanent suspects," such as Davis, as liability insurance, who were seen as being expendable.

Larry Davis happens to be an intelligent young man who felt there was more to life than pushing drugs on a street corner. He was interested in producing music, and with a record out on his own label, was just beginning to make a splash in New York's rap recording scene. He quit the cocaine ring after feeling he had been cheated out of his share of the profits. This made the police very uneasy. They were worried that Davis knew too much, and if he were no longer dependent on crack sales for a living, he

might eventually expose their money-making operation.

During the trial, defense attorney Kunstler asserted that on the night of November 19th, 1986, an outlaw squadron of thirty-four cops surrounded the home of Davis' sister, where he was staying at the time. Without a search warrant or showing any badges, a dozen cops wearing bullet-proof vests burst in with sawed-off shotguns to assassinate him. A bullet was fired at Davis' head. It missed. Davis then returned the fire, wounding six cops, and managed to escape uninjured.

As a city-wide manhunt was called to track him down, Larry Davis became a local folk hero to many young people, who identified with him as a victim who had successfully defended himself and eluded police authorities for seventeen days.

Living under maximum security for the past two years, fending off frequent attacks by prison guards, Larry Davis has been using his prison time to educate himself. He has read *The Autobiography of Malcolm X* (who as a teenager had been a drug pusher and pimp) and more recently the autobiography of Assata Shakur (another revolutionary who, after being framed, escaped from prison and now lives in Cuba with her daughter).

When a young black man defends himself from brutal police attacks, he is labeled a dangerous criminal by the state and presented as a bloodthirsty maniac by the media. Similarly, when a poor nation such as Nicaragua defends itself from brutal attacks, it is labelled "terrorist" by the US government.

Drug running by the contras in Central America is felt directly by North American city dwellers as a plague of chemicals, poverty, and police. Taking matters into their own hands, activists in New York City organized the Black Men's Movement Against Crack, which encourages ordinary citizens to patrol their own neighborhoods, confront pushers, and close down crack houses. This movement has met with some success, and people have begun to realize the true nature of drug warfare, the reactionary agenda of the "War on Drugs," and its insidious mission to poison, police, and control masses of poor people. A new consciousness is growing as knowledge of past colonial and modern imperialist triangles emerge with growing clarity. ●

FOR FURTHER READING . . .

Philip Agee, *Inside the Company: CIA Diary* Penguin Books, 1975. A disgruntled CIA agent blows the lid off his former employer's unsavory activities, naming names of specific perpetrators along the way.

T.D. Allman, *Unmanifest Destiny: Mayhem and Illusion in American Foreign Policy from the Monroe Doctrine to Reagan's War in El Salvador*, Dial Press, 1984.

Ben Bagdikian, *The Media Monopoly*, Beacon Press, 1983. A startling report on the 50 corporations that controlled what America saw, heard, and read at the time this book was written. (A more recent tally puts the number at 27.)

Bernard Bailyn, et al., *The Great Republic*, Volume II, third edition, D.C. Heath, 1985. An in-depth examination of American history including an excellent analysis of the colonial economy and its development.

Leslie Cockburn, *Out of Control: The Story of the Reagan Administration's Secret War in Nicaragua, the Illegal Arms Pipeline, and*

the Contra Drug Connection, Atlantic Monthly Press, 1987.

Noam Chomsky, *Necessary Illusions: Thought Control in Democratic Societies*, South End Press, 1989.

John A. Garraty, *The American Nation*, Volume I, fifth edition, Harper & Row, 1983. An American history textbook replete with maps of various colonial trade routes.

George Jackson, *Soledad Brother: The Prison Letters of George Jackson*, Coward, McCann, 1970 (out of print). A chronicle of the day-to-day experiences of a young black man who, in solitary confinement, is able to analyze his situation from an economic/class perspective.

Jonathan Marshall, Peter Dale Scott, and Jane Hunter, *The Iran-Contra Connection: Secret Teams and Covert Operations in the Reagan Era*, South End Press, 1987.

Alfred McCoy, *The Politics of Heroin in Southeast Asia*, Harper & Row, 1972 (out of print). The first irrefutable documentation of

CIA involvement in the drug trade.

National Security Archives, compilers, *The Chronology*, Warner Books, 1987. All the Iran/contra dirt, laid out chronologically from January 1980 to April 1987. Essential.

Assata Shakur, *Assata, An Autobiography*, Lawrence Hill & Co., 1987. The personal account of a young Black Panther Party member who was convicted of murder on flimsy evidence, imprisoned, and then escaped to Cuba where she was given political asylum.

Bob Woodward, *Veil: The Secret Wars of the CIA 1981-1987*, Simon & Schuster, 1987. More dirt.

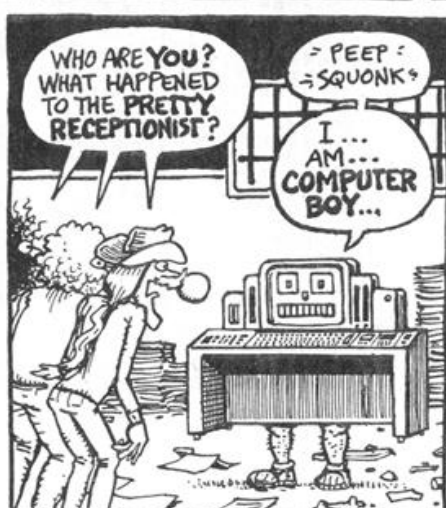
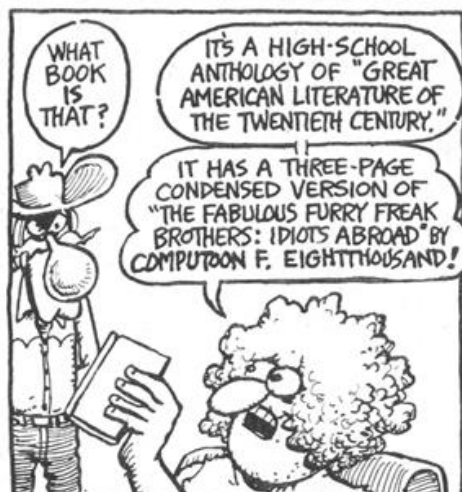
Malcolm X, *The Autobiography of Malcolm X*, Random House, 1964. The epic story of an urban dope dealer and pimp who turned revolutionary while in prison, and electrified the black liberation movement before being gunned down in Harlem in 1965.

—Eric Drooker and Lou Stathis

THOSE LOVEABLE FURRY FREAK BROTHERS

by Gilbert Shelton







EAT FREDDY'S CAT

and his friends...

ONE PIZZA WITH
MUSHROOMS TO GO!

THAT RAIN WE HAD YESTERDAY
COULD HAVE BROUGHT UP THE
MUSHROOMS! WE MIGHT
FIND SOME PSILOCYBIN
IF WE LOOK IN THE
RIGHT PLACES!



AND WHERE
WOULD THOSE
PLACES BE,
PHINEAS?

ON TOP
OF
COW
PIES!



ARE
YOU
KIDDIN'?

THERE'S
ONE
NOW!



WOW! A WHOLE
BUNCH OF THEM
YOU WANNA GET
STONED?

GULP!

HERE!

NOT YET!
I WANNA
SEE IF
YOU'RE
GONNA
DIE
FIRST!



THE WAY TO IDENTIFY
THEM IS IF THE STEMS
TURN BLUE AFTER YOU
BREAK THEM!

I DON'T
TRUST
ANYTHING
THAT GROWS
OUT OF
COW FLOP!

I DON'T
TRUST
ANYTHING
THAT
DOESN'T
COME IN
A NICE CLEAN
GELATIN
CAPSULE!



PHINEAS SURE IS GETTING OFF,
THOUGH! MAYBE I'LL COLLECT
A FEW OF THESE PIES AND TAKE
THEM HOME AND START A FARM!



... NOW I'LL WATER 'EM
A LITTLE TO GET THE
THINGS STARTED!



THE NEXT DAY...

WELL, PHINEAS DIDN'T DIE
DURING THE NIGHT! I WONDER
IF ANY OF THOSE MUSHROOMS
CAME UP?

GABBLE
GABBLE
GABBLE



A SURPRISE FOR YOU GUYS!

LOOK HERE!



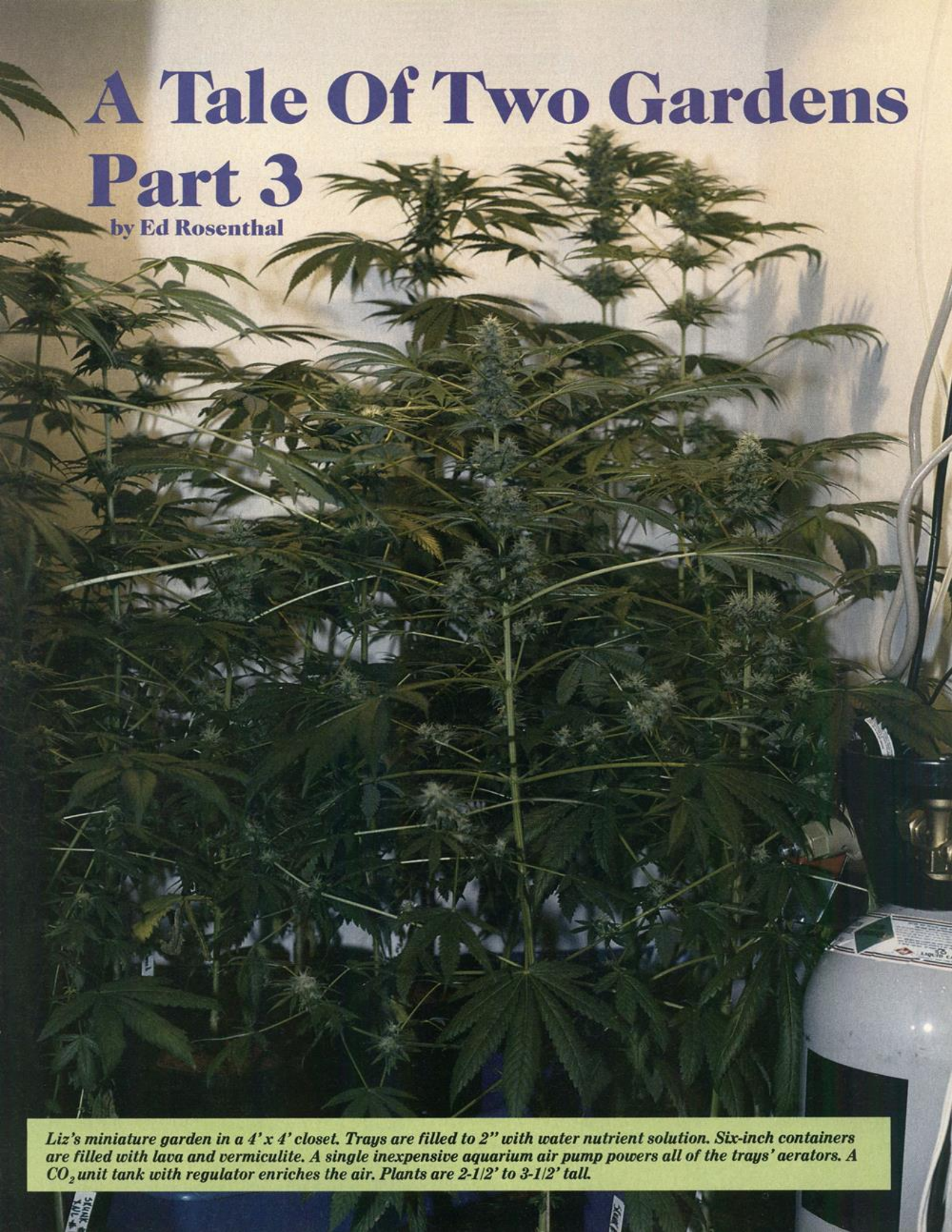
I KNEW IT WAS TOO GOOD
TO LAST! BACK TO THE OLD
STOVE, MY PEOPLE!



A Tale Of Two Gardens

Part 3

by Ed Rosenthal



Liz's miniature garden in a 4' x 4' closet. Trays are filled to 2" with water nutrient solution. Six-inch containers are filled with lava and vermiculite. A single inexpensive aquarium air pump powers all of the trays' aerators. A CO₂ unit tank with regulator enriches the air. Plants are 2-1/2' to 3-1/2' tall.

Liz's Garden



Buds are beginning to fill out and the glands are filling with THC acid and other essential oils.



Closeup of plant top shows healthy mid-flowering of Skunk.



Clones sitting in water as they wait for roots. The cuttings were removed from the plants after flowering began. Plastic tray sits on a lined wooden bookshelf.

Liz's garden was in mid-flower. The buds were swelling and creating their characteristic definition. The Early Pearl and Northern Lights buds grew along main branches, developing their configurations, then swelling out. The Skunks were maturing slower, their buds growing large on the primary branches.

The plants looked healthy with no sign of deficiency. They were growing fast and vigorously. The system continued working without a hitch. Liz added water to the trays as needed to keep a level between 1 and 2 inches. The fertilizer solution was changed in each tray every ten days.

Liz changed over to a flowering fertilizer when she turned the lights down to 12 hours. Still, the plants showed no signs of lack of nitrogen (N).

Because of scheduling problems, Liz was unable to take cuttings off the plants

until two weeks after turning the lights down. After taking the cuttings she placed them in the refrigerator for a few days until she had time to work on them.

From bottom up, her cloning kit consisted of: a small heating mat (sold in nurseries) over the wooden bookshelf; a plastic tray about three inches deep, filled with water; an aerator sitting at the bottom of the tray hooked to a pump; and an almost flat styrofoam plate salvaged from a fruit carton. The plastic tray had melted into the mat a little, so it was replaced with a glass tray.

The clones were cut from the bottom of the plants. Liz trimmed them to about 2 1/2"-3", leaving only a few leaves at the top. She punched holes with a pencil and inserted the cuttings. The styrofoam held the clones in place. The water-nutrient solution contained flowering fertilizer at 1/4-strength and Olivia's rooting solution. The heating mat kept the water in the tray at a constant warmth, in the low to



The cloning tray sits on a bookshelf. It is about 12" high and lit by two 24" cool-white fluorescents.

mid-'70s. The aerator insured adequate supplies of oxygen to

the stems. The flowering fertilizer was used to limit leaf

growth and help stimulate root growth. ●

Sharky's Garden



These varietal clones are in early flowering. They are placed on rockwool pads about a foot apart. They have 5 or 6 weeks to go.

Jedd has had a revelation and a change of name to Sharky. His garden has shown major changes, too. The original variety that he worked with recovered from the insect attack after the pests had been eliminated with a Holiday Fogger. Fast growth resumed and the plants developed loose, abundant buds, indicating a lack of light intensity that untamed varieties require. The Dutch varietals sat on the same tables but only needed relatively low light levels—10 watts psf. They had been pollinated selectively and seeds were ripening on them.

Although their buds were small because of the heavy seeding, they were compact.

More clones had been taken and they were sitting in the clone room. They would be flowered, but Sharky plans to start a new generation from the seed he is breeding, let the plants indicate, and then take clones for the next crop.

A watering system has finally been installed. Black feeder hose emits water below the plastic along rockwool meter-long pads. Rockwool cubes with plants sit on the pads.

The grow space has a CO₂ generator which burns natural gas. The unit has problems, though. It is near the ceiling, and the CO₂, which is warmer than the air, stays at the top. Sharky plans to lower the unit near the floor, which will act as a heat sink, absorbing it. The CO₂ will then be at plant level.

The leaves still indicate a nutrient irregularity, possibly magnesium or low grade iron zinc manganese. They lack vigor, and are not bright-colored. Sharky plans to rotate flowering fertilizers in his one-way system to assure a more balanced formula. ●





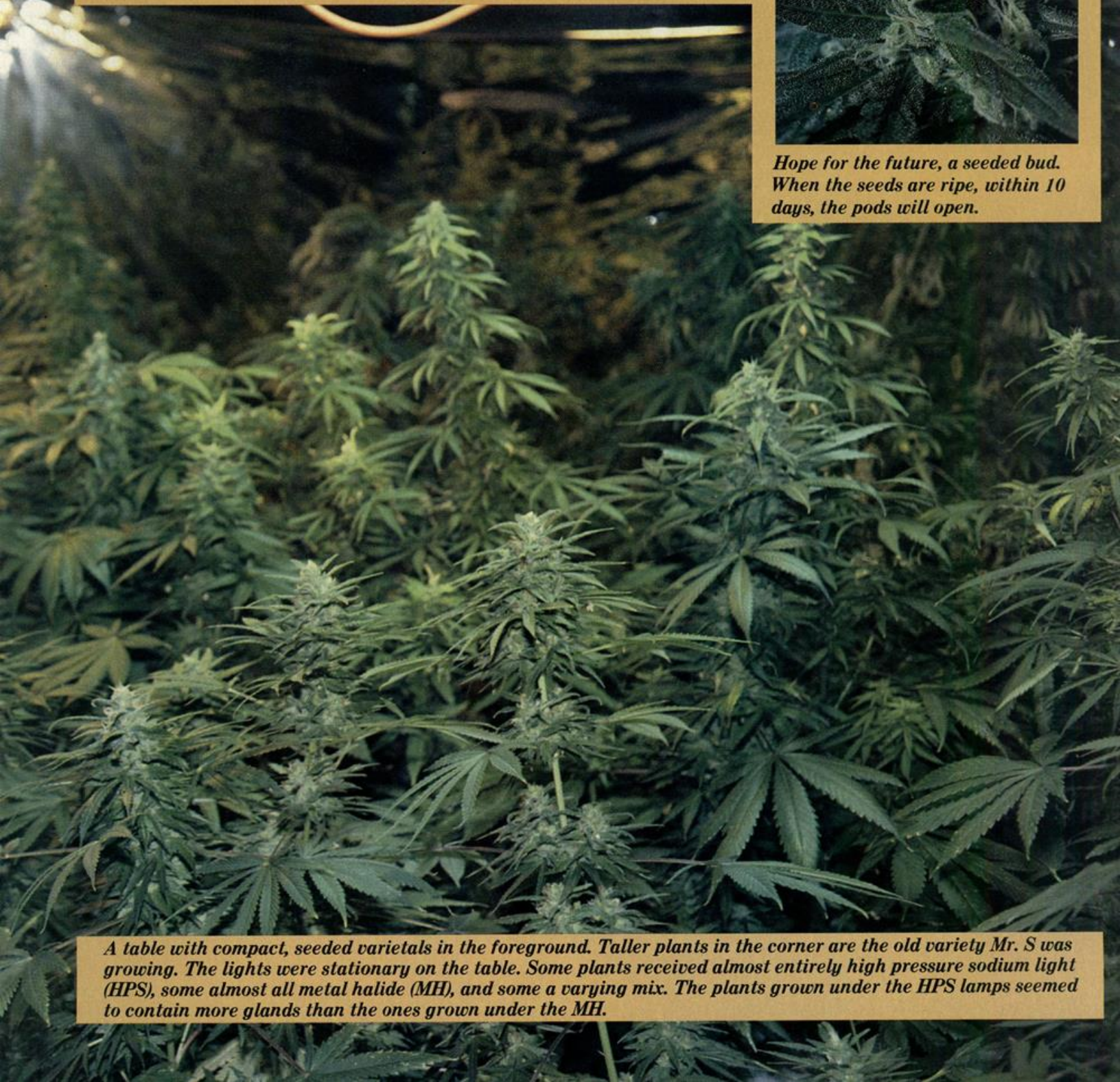
The backs of lightweight moveable reflectors. Frames with lightweight foamboard are lined with mylar.



The tubes go under the plastic along the slabs. Cubes with young rooted clones are placed on the pads. These rockwool pads are about 8" wide.



Hope for the future, a seeded bud. When the seeds are ripe, within 10 days, the pods will open.



A table with compact, seeded varieties in the foreground. Taller plants in the corner are the old variety Mr. S was growing. The lights were stationary on the table. Some plants received almost entirely high pressure sodium light (HPS), some almost all metal halide (MH), and some a varying mix. The plants grown under the HPS lamps seemed to contain more glands than the ones grown under the MH.

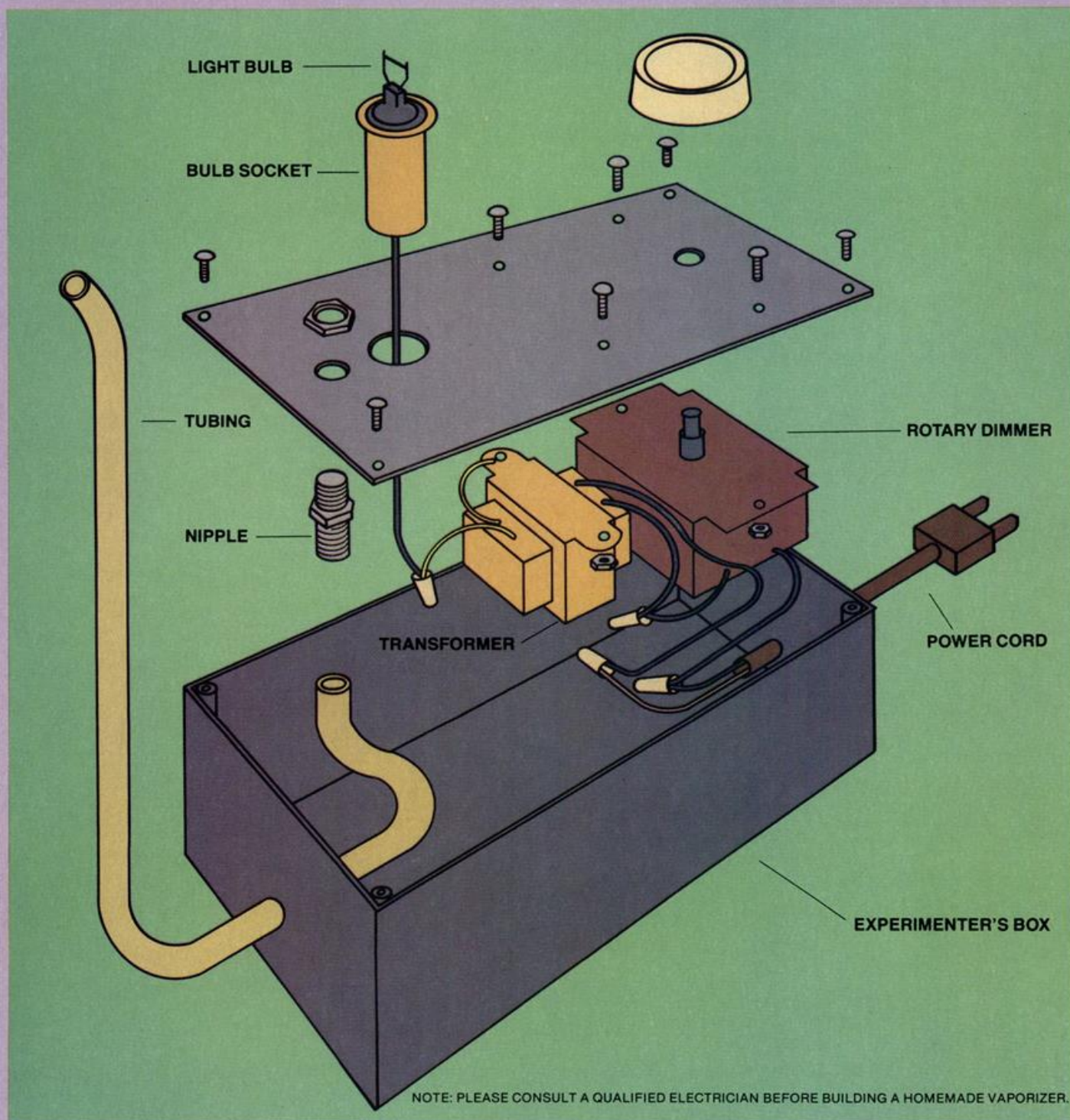




*coming next month
in A Tale of Two Gardens Part 4....*

Vaporizing THC Oil:

An Alternative To Smoking Marijuana



BRIAN SPAETH

by Dr. Lunglife

Why Vaporize THC Oil?

Chemical analysis has shown that

a cigarette made of raw marijuana contains at least as much "tar" as an equal-sized cigarette made of tobacco. Although medical studies have not shown a connection to date, this fact does suggest that lung diseases such as cancer, emphysema, and bronchitis are possible

consequences of heavy marijuana smoking just as they are for tobacco smoking. The frequency of use and the amount smoked are both important when considering lung damage. Fortunately, pot smokers generally smoke much less than tobacco smokers.

If one uses high-grade marijuana such as sinsemilla, manicured buds, or fine-screen shake in moderation, lung damage is not likely, as only small amounts are needed to obtain a high. If you have access to high-grade smoke, this article may not be useful, especially if you use a water pipe. However, if you decide to grow your own in the woods, the quality may not be as good. Extracting this essential oil from cannabis will concentrate mediocre-grade marijuana into a powerful liquid. Several irritating and smelly ingredients are removed from this hashish or THC oil. It also takes up much less space, which may be important if secrecy is necessary.

This article suggests a method for decreasing lung damage by inhaling the essential oil of cannabis after vaporizing it. Vaporization means the boiling off of the THC oil, using heat, but not fire. The intense heat of fire promotes many chemical reactions with oxygen, which destroys some of the THC and creates new chemical substances. Some of these fire-created chemicals may be hazardous. By vaporizing the essential oil, some danger is avoided, that of inhaling tar, burnt cellulose, carbon monoxide and combustion products into the lungs. Although the process of vaporization does still produce heat, the vaporized oil is at the boiling temperature for the oil rather than at the much higher temperature of flame.

Method A: using aluminum foil, candle, and a tube

An easy way to vaporize THC oil is by placing a drop on a piece of aluminum foil, heating this over a candle, and inhaling the vaporized oil through a tube such as a straw. A tube that works especially well is from a clear plastic Bic pen. The tube is an improvement over the nose in getting over the rising air full of the vapor, which rapidly condenses into tiny droplets of oil. The tube also helps to control the temperature of the vaporized oil before it enters your lungs, by catching it an inch or so above the foil after it has cooled some. Hold your tongue near the mouth end of the tube, as a way to further cool the vaporized oil. Your tongue should be protected against the heat by wetting it often with saliva.

Method B: using a high intensity light, dimmer, and tube

The materials for this electrical oil vaporizer are easy to obtain, and not difficult to make. The most expensive item is a light-dimmer which includes a power outlet. If you are handy, you can easily construct a box to include a dimmer and an outlet at a cost of around \$8. The type of dimmer that pushes on or off, and rotates for power level is the best, for you can keep the best power setting ready to go. The second major item is a small high-intensity reading light, which was recently found on sale for \$8 at a local department store. It features a 12 volt incandescent bulb. Hidden in the base of high-intensity lights is a transformer that converts 120 volt house current to a safe 12 volts. A 12 volt bulb is not only safer, but also has a compact filament ideal for the purpose. The only other items would be a toothpick or wooden cuticle stick for applying oil, and the pen tube mentioned above.

To use an electric vaporizer, a 12 volt auto bulb (#1156) is broken in such a way that the filament remains intact. A safe way to do this is to wrap the bulb in a kleenex, and then hit the bulb sharply with pliers so that it breaks. Some remaining pieces of glass will have to be removed with pliers. Orient the light shade sideways to catch excess drips of oil. The THC oil is then dabbed onto the filament, and the filament is heated just enough to vaporize the oil, but not enough to glow. Be prepared to dab oil on a glowing part, in order to protect the filament from air and make it last longer. The rising vapor is sucked in through the tube. Slow deep breaths will maximize efficiency. Turn off the heat before your lungs fill, to avoid wasting oil. It is convenient to use a glass syringe to hold a supply of oil. At first the filament cannot hold much oil, but after some time a dark crust forms, which helps hold oil. This crusty stuff has a higher vaporizing temperature than the desired THC, and is worth keeping out of the lungs. After many uses, the filament is surrounded by a thick ball that is able to hold a full drop of oil. Even with care, a filament will eventually burn out after a few months of use. But until then, one lungful is enough

for an enjoyable high.

Method C: The Compact "High Tech" Vaporizer

To make a more sophisticated vaporizer, all the necessary parts are readily available and can be put into one small box. The following list is for the oil vaporizer illustrated here, but you can of course be inventive regarding design and material. The first three parts may be purchased at Radio Shack:

- (1) an experimenter's box 7 $\frac{3}{4}$ " L \times 4 $\frac{3}{8}$ " W \times 2 $\frac{3}{8}$ " D, black plastic case with an aluminum top, cat. no. 270-232 \$2.99;
- (2) a push on/off rotary dimmer, cat. no. 61-2699A \$6.95;
- (3) a small power transformer 120 VAC to 12 VAC 450 mA, cat. no. 273-1365 \$3.99.

Items that can be purchased at an automotive supply store such as Track Auto include:

- (4) an auto turn signal/back-up light bulb #1156, two for \$2.84;
- (5) a simple single-filament bulb socket, such as for a Ford/Chrysler '71-'76 cars, which costs \$1.99.

The remaining supplies include:

- (6) a standard 2-wire electrical power cord;
- (7) an electrical "nipple" for use in a lighting canopy kit, which is a $\frac{3}{8}$ " o.d. tube threaded on the outside, and two matching nuts;
- (8) two feet of rubber or plastic tubing and;
- (9) a drinking glass, or to be fancy a 3" glass display dome. The total cost is under \$25. Tools needed include an electric drill and various bits; several electrical connectors of the twist type; needle-nose pliers; small nut and bolt pairs; and a screwdriver.

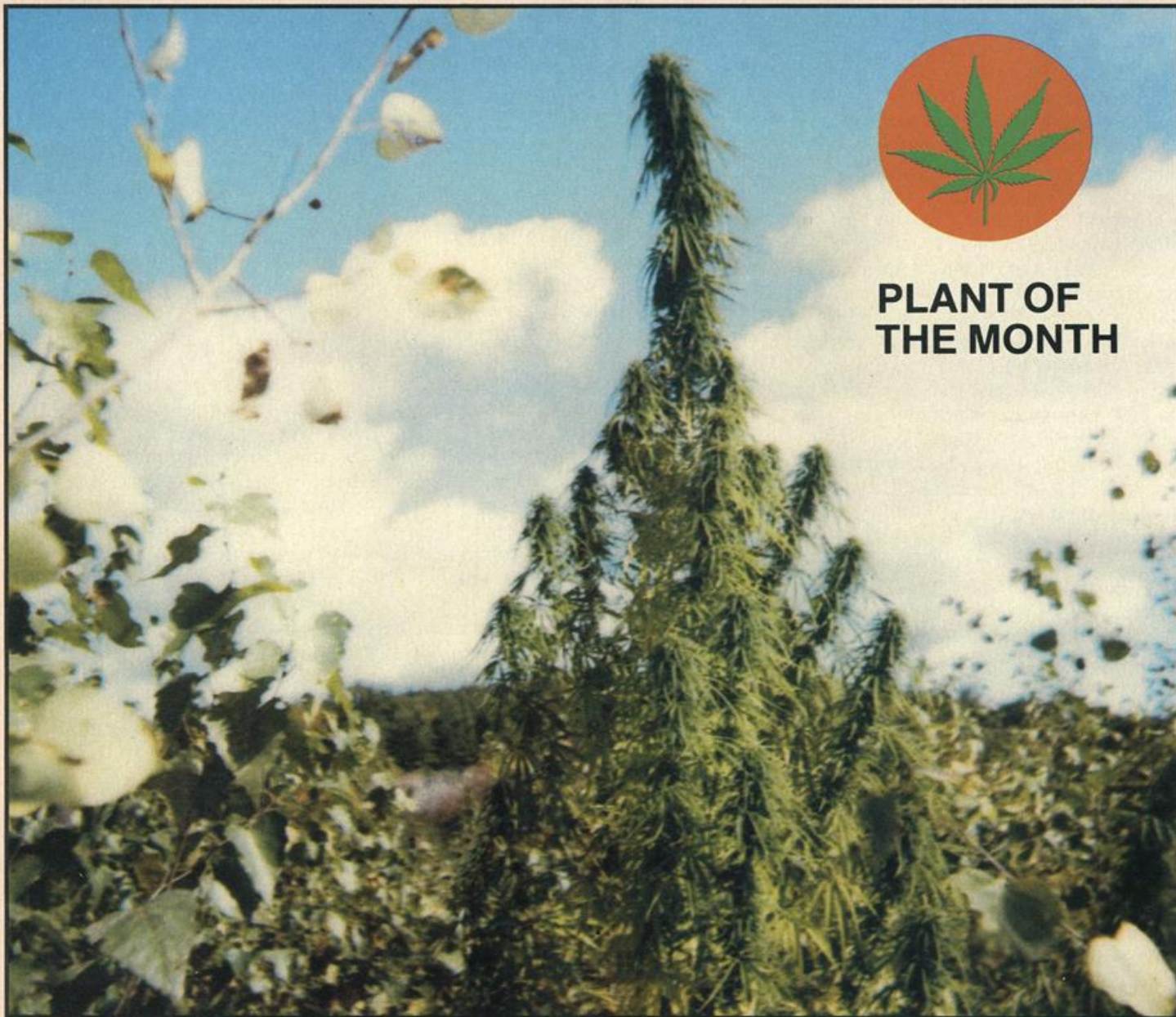
To build the vaporizer, first remove the plastic rotor from the light dimmer, determine the size hole necessary for its shaft, and measure the location for the hole on the metal lid of the box. Drill that hole, insert the light dimmer, and use a pencil to mark the location for the small nuts and bolts which will hold the dimmer in place. Then place the transformer close to the dimmer and drill holes for its bolts. The light socket needs a hole that is tight, so you may need to use a file to finish its hole. The design illustrated uses an 1 $\frac{1}{16}$ " hole. Near

continued on page 58

ASKED

BY ED ROSENTHAL

ED



**PLANT OF
THE MONTH**

I started with six plants, five Mexicans and one Jamaican. Two of the Mexicans were male and were eliminated. At harvest the three Mexicans were 10' tall and the Jamaican was 6'. The main cola in this picture was a killer 21" long.

—*Big Green Sinsemilla*
New Hampshire

STONEY MOLD

Dear Ed,

I recently found some stash that I had hidden about a month ago. It was medium-grade skunk and it was so moist that in just over a month's time it had started to mold. They looked like funny peach hairs with white powder on them. The pot smelled strongly of ammonia.

I was kind of wary of it at first but then

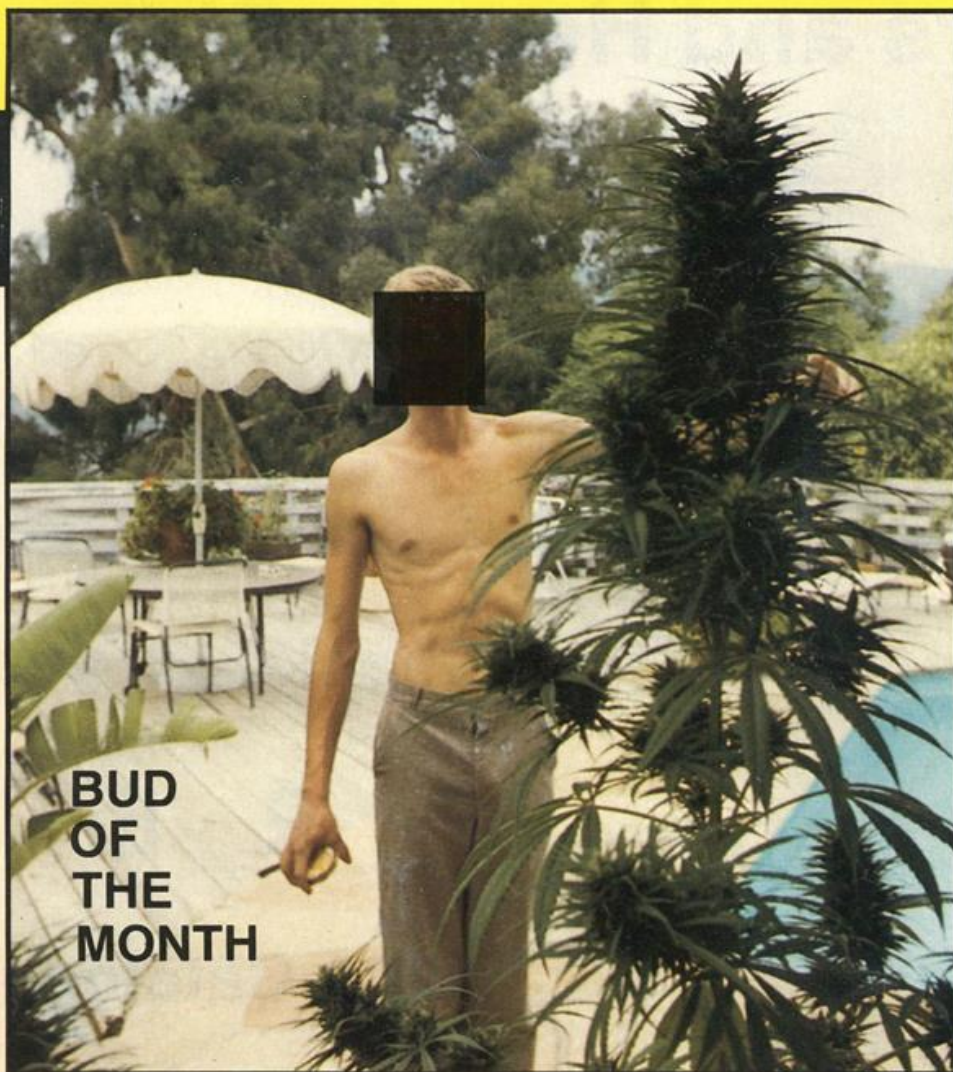
decided to dry it and roll it up. My friend and I smoked the entire bag and I don't think I ever got that stoned from that kind of weed quite like that. It was a different kind of high and pretty pleasant too. What was it and is it safe to smoke?

—*Jose Smoke*
Michigan

I do not know what kind of mold or smell it was. The ammonia smell

indicated anaerobic bacteria. (These do not use oxygen in their metabolism.) Perhaps a mycologist at a local university could tell you what the mold is.

Fungi and molds produce many exotic chemicals including toxins and psychoactive substances. Just as it is dangerous to eat an unknown mushroom, it's dangerous to smoke an unknown mold.

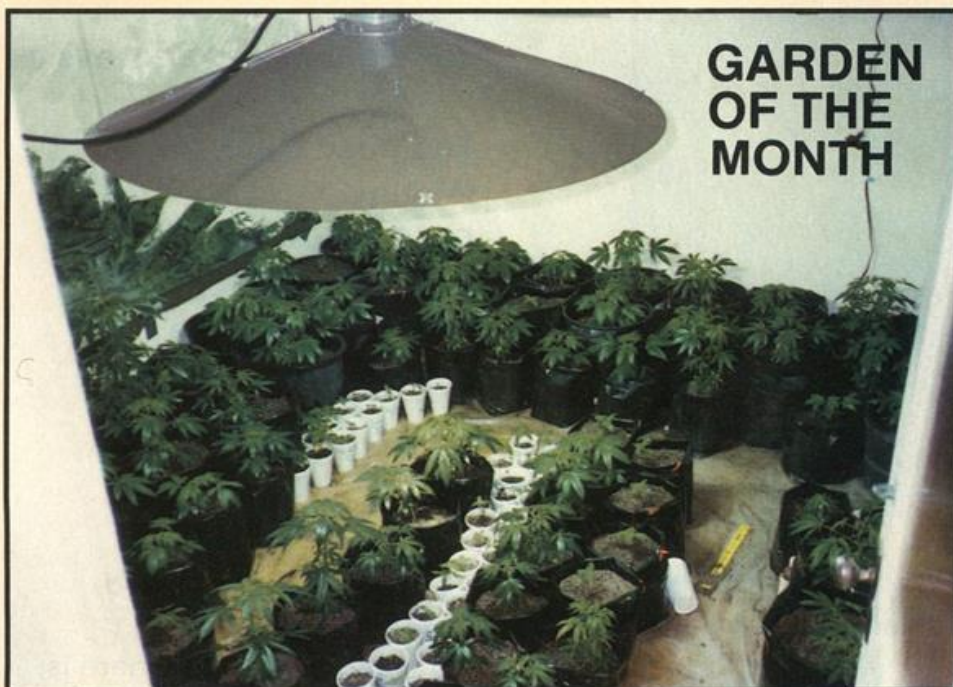


BUD OF THE MONTH

This photo still makes me laugh.

—Pistol Pete

West Los Angeles, CA



GARDEN OF THE MONTH

This is my clone-vegetative garden. Some plants are from a Dutch strain. Others are from an *indica* from Seattle, Washington.

—One Hit Chit

Albuquerque, NM



SPIDER MITES

Dear Ed,

I have some plants and there are these tiny creatures building webs and climbing all over. What insect is this and how can I get rid of it?

—Chef Pot

South Jersey

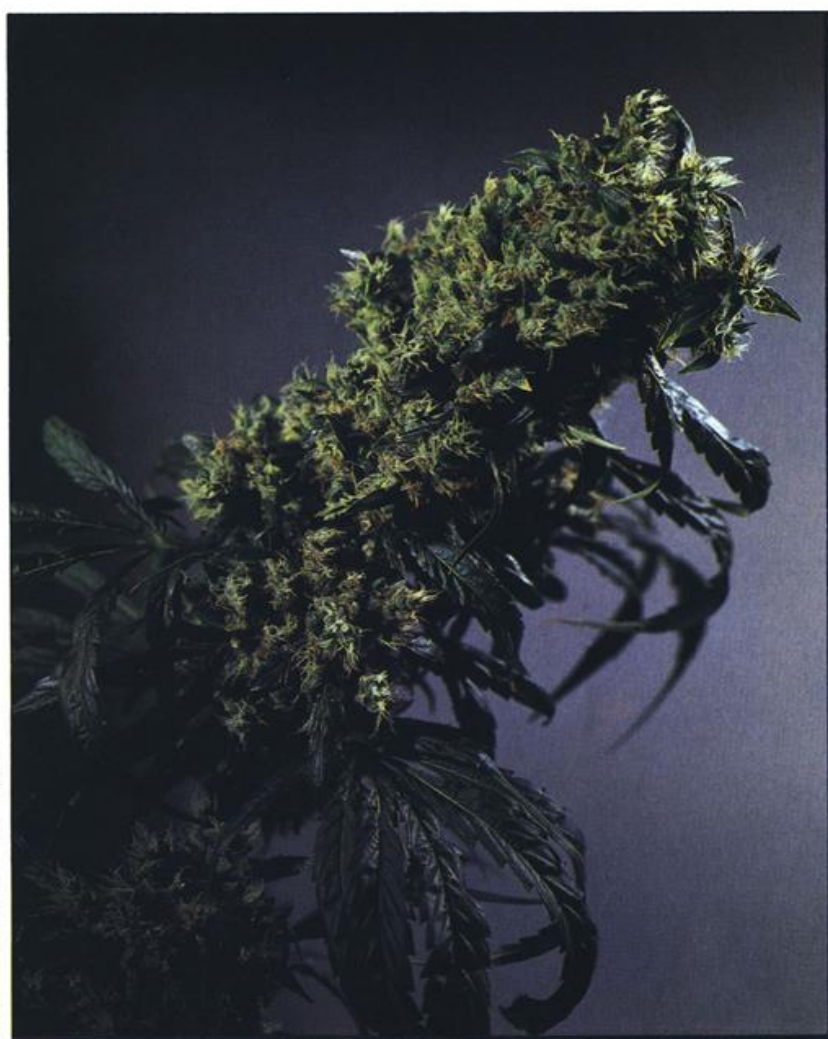
Your plants are infested with spider mites. These arachnids (related to spiders—they have eight legs) suck the vital juices out of the plants. This weakens the plant and lowers the yield considerably.

The fastest way to get rid of most of them is to wash them off in tepid water. Add a little detergent, about a 1/2 teaspoon of dishwashing liquid in a gallon water if you are using a basin. A faucet will work too. Of course, this cannot be done if the plants are well into flowering. In that case try to remove as much webbing and as many mites as possible with your work, or rubber, gloved hands. To knock down the remaining population spray them with a pyrethrum spray or use a pyrethrum based fogger-bomb. Pyrethrum is a natural insecticide harmless to all warm-blooded animals such as birds and mammals. It is deadly to insects, arachnids and fish. Pyrethrum does not kill the mite eggs, so it should be used three or four times in a two-week period.

This miticide is not completely effective. Some mites will survive and their progeny will evolve more resistance. The best way of controlling mites is by using mite predators. These are also mites, but they feed on their cousins, sucking out their juices. Once established, predator mites do not eliminate the plant-eaters entirely, but keep the population under complete control, so that they do little damage to the plants. By maintaining a small population of plant-eaters which support the predators, any mites invading from outside the grow space are likely to be eaten.

continued on page 68

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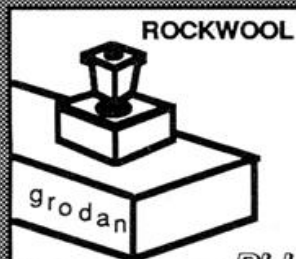
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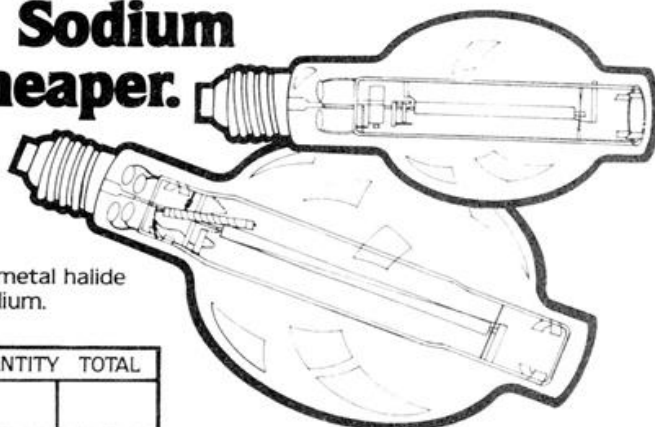
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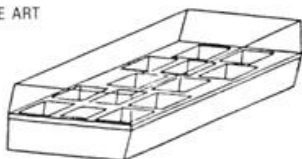


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VAPORIZING

continued from page 53

the bulb socket will be a hole to attach the suction tube. A method that works well is to push a 3/8" rubber tube over a threaded electrical nipple, which goes through the hole and is held in place with nuts above and below the metal plate. A hole is also drilled in the plastic case for the power cord and a larger hole for the suction tube. Connect the wiring as shown, with the house current going to the transformer inputs, after the hot line also goes through the light dimmer. One line from the 12 volt transformer output goes to the lead from the light socket, and the other is wrapped around one of the bolts in order to use the metal top of the box as the return circuit. Tighten the bolts and screws, and it is ready to go except for the bulb. Prepare the 12 volt bulb the same way as with method B, but because the bulb will now be aimed vertically, a little epoxy glue, nearly filling the base, will make it easier to retrieve oil that will drip. Do not accidentally glue the bulb to the socket.

While the bulb is being conditioned, the high-tech vaporizer is used the same way as the high intensity light model, but after the filament can hold enough oil, an overturned glass can hold the vaporized oil until thick enough to inhale in a short breath.

How To Extract THC Oil

Extracting THC oil is not difficult. It does require a concern about safety, as all the solvents listed are flammable. The steps necessary to obtain "hashish oil" or the essential oil of cannabis, may be found in two informative books. The first is a book entitled *Cannabis Alchemy: The Art of Modern Hashmaking* by David Hoyer, first printed in 1973 by the HIGH TIMES/Level Press. Another book which describes the same procedures is *Marijuana Potency* by Michael Starks, 1977, And/Or Press, Berkeley. These books are available from book dealers who advertise in HIGH TIMES. They contain information to help one extract and purify the essential oil of cannabis, making it quite potent. Consult these or similar books, for details.

The process essentially involves

continued on page 60

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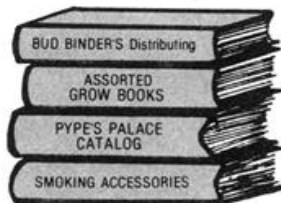
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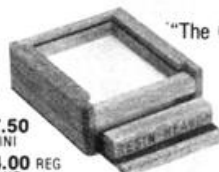
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VAPORIZING

continued from page 58

leaching the THC-containing oil from marijuana in a manner similar to percolating coffee. However, instead of water, the solvent is denatured alcohol, which is evaporated prior to consumption. Denatured alcohol is a common solvent and fuel found in most hardware stores. It is 95% ethyl and 5% methyl alcohol. Other alcohols can be used, but this is the cheapest and most commonly available.

The extraction can be done safely in a pressure cooker, over an electric heating element. Keep the heat very low as alcohol boils much more easily than water. No fire or sparks can be tolerated, and there must be good ventilation. Have a fire extinguisher handy, water will not extinguish an alcohol fire. The first step involves powdering your marijuana and placing it in a pressure cooker and covering it with denatured alcohol. Boil it for one hour, drain and save the alcohol, and boil the marijuana one more hour with fresh alcohol. The leached marijuana is thrown out, and the alcohol is boiled off to leave the first stage oil, which is green. I suggest saving the alcohol for further use by running the alcohol steam through a condensing coil leading down to another pressure cooker, which is kept cold in an ice bucket. When the alcohol is nearly gone from the oil, finish the removal in a Pyrex double boiler. The top pot contains the oil, and fits into the lower pot which contains water. The boiling water prevents the oil from getting too hot, but is still hotter than the boiling point of the remaining alcohol. The green THC oil from this alcohol extraction can be vaporized and inhaled at this time, or it can be isomerized and further purified if desired.

The oil contains THC and also similar but less desirable molecules called cannabidiol and cannabinol. Isomerization changes cannabidiol into tetrahydrocannabinol (THC), and the THC to the most active isomer, delta-9-THC. To isomerize your oil, first weigh it, then dissolve it in 10 times its weight of denatured alcohol. Add one drop of strong sulphuric acid (auto battery acid) for each gram of oil. Wear goggles and gloves as concentrated sulphuric

continued on page 71

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by Carlo McCormick

WALTER ROBINSON



Kitty II, 60" x 30", acrylic on canvas, 1984.

HIGH ART



Motel Wife, 24" x 24", acrylic on canvas, 1985.

Nearly all of us today have in ourselves somewhere that dark place of ambivalence where all our ideas and emotions come together and simultaneously fall apart. Walter Robinson's art occupies such a point of no return, that very hopeless place where desire and denial contradict but do not nullify each other. In his wildly disorienting career as a painter of sublimely bad art, Robinson has earned questionable status as an idiot-savant and not-to-be-trusted troublemaker, for his various affronts to good taste and prevailing fine art standards. A purveyor of the most despicable in kitsch, artsy-fartsy crafts, he has reached the apex of our cultural nadir in this post-mortem age of devalued aesthetic currency and meaning.

Beginning nearly a decade ago with titillating sexpressionist recreations of sleazy '50s paperback book covers, Robinson started digging away at the sore, soft middle-ground where the overtly sarcastic and insincere romantic myths are as well undeniably sentimental and tender. Able to find the runny uncooked middle in our hardboiled fictions, somehow this horribly academic pursuer of the post-velvet painting school of motel art had the rake's sinfully irresistible touch as it stroked the coveted loins of vulgar appeal where decency does not trespass.

Disenchanted with the growing

popularity of his absurd erotic art, Robinson has subsequently found new atrocities of sincere lies that have remained solidly ahead of public perception regarding acceptable pop appropriation. Witness here an example from his career-sabotaging "Pussy" series, in which he produced a major show of gigantic, greeting card-cute kitten paintings no one could ever live with; or his spin art, in which he recovered this lost county-fair tradition of sardonic yet sensual fabrication of self-expressionist gesture in which the artist's hand is in fact all but entirely absent. Robinson makes us aware of what dwells within the empty; that the nostalgia of the past is an emotion of the present tense, that the vehement rejection of cultural lies is an acknowledgement of their undying power, and that the abhorrence of debased artifacts is symptomatic of a deep-rooted fascination/attraction.

High Art scholars among the readership may recall that a Robinson spin art painting appeared in my first article for this illuminated periodical ("Recalling Psychedelia: Another Generation Wasted", August '86). Coincidentally, owners of this long ago sold out issue can see my ugly mug on the cover, and be among the few (along with the DEA and a few others who've tasted my piss) to know for sure what a pathetic basketcase acid-casualty I really am. ●



Magical Power, 36" x 36", oil and enamel on canvas, 1987.



A Gross Indiscretion, 36" x 36", enamel on canvas, 1986.

The Bright Side of the Light



MILTON KNIGHT

by Thomas Paine

Part I

I have always been a free spirit, anti-authoritarian and rebellious. Since age 15, getting high has been my ultimate goal. By "getting high," I don't mean drunk or wired, I mean high the way Jah intended—smoking the sacred ganja herb. I figured: Life is the most precious of all things—why waste it by engaging in 9-to-5 inanity? It was therefore quite natural for me to become a nickel-bag pot dealer when I moved from Salinas, California to Brooklyn, New York and entered my junior year at Tilden High.

Attending school is conducive to the retail pot business, but due to the amount of customers generated, a non-student

would probably attract heat. So, naturally, when I dropped out of high school, I moved up a notch to the semi-wholesale level. Fewer customers, less heat.

Although top dog at Tilden in retail, I found myself at the bottom of the totem-pole when it came to semi-wholesale. I made enough money to live comfortably, but yearned for more. I was faced with a predicament similar to the one faced by a dozen assistant managers who all vie for a single managerial position. Unless one knew a smuggler personally, one could not be a wholesaler. And meeting a smuggler is not an easy task in the underground. The only option open for me was to become a smuggler.

At the Woodstock Festival I viewed the masses and perceived that the big money of the coming decade would fall into the

hands of those shrewd entrepreneurs possessing the sufficient stamina, fortitude, courage, and ingenuity to brave the hazards encountered in importing drugs from Third World ODEC (Organization of Dope-Exporting Countries) nations. A staunch believer in *laissez faire* capitalism, I expanded my horizons to Jamaica in 1972 when I was a mere youth of 20.

About this time, a new form of cannabis extract hit New York. All I knew about it initially was that it was called Number One, it looked sort of like opium, it was produced in Jamaica and it got you loaded on a single toke. It retailed for \$350 an ounce.

On moral grounds, I wouldn't sell anything I didn't use. Therefore, I knew my smuggling must be confined to some sort of cannabis derivative. Since the

most expensive of the derivatives was either hash oil or Number One, there were two basic choices. I had a friend who was an organic chemist, so I gave her Number One to analyze. She proceeded not only to figure out how to make it, but also how to smuggle it. Although she wouldn't reveal her methods, I agreed to finance her on an excursion to Jamaica. I put up a thousand dollars, and a week later Barbara was back in New York with a half pound of the gooey substance. After expenses, we made about \$450 apiece; not a staggering sum, but sufficient to illustrate the feasibility of the concept.

Never one to allow opportunity to elude my grasp, I proposed that Barbara disclose to me the scam, in exchange for my funding a return attempt. She readily agreed and we flew to Kingston in March of 1972.

Gazing out of the window as the plane circled Kingston, I observed the countryside—a fine, flawless emerald glimmering verdantly under the torrid high-noon sun.

As the flight attendant opened the exit doors, hot, moist air rushed in. The high temperature and humidity carried with it the scent of marijuana which permeated the island. Either Jamaica smelled like a ton of Jamaican weed, or a ton of Jamaican weed smelled like Jamaica—a damp, sweet smell suggesting decomposing tropical vegetation.

The first thing I noted about Jamaica

was the informal nature of its customs and immigration. One didn't need a passport for entry, a real or phony driver's license was sufficient. Thus, frequent travel between Jamaica and the United States would bear no official record in the form of a passport stamp. Visas posed no problem either; an American could stay as long as he wished, and come and go as he pleased.

Renting a Ford Escort we headed out of Kingston, driving through the notorious shantytown slums. Overwhelming poverty existed throughout this city within a city. The many square miles of squalid hovels had been Bob Marley's stomping grounds, where reggae was spawned. Loud, tinny speakers blared the music from hundreds of tiny record shops as we passed vendors selling sno-cones from ancient wooden carts.

The slum areas were predominant, contrasting vividly with the few luxurious villas of the small upper class. Poverty was what was happening. Shacks by the thousands were constructed of flotsam and jetsam, scraps of tin, wood, cardboard and palm-fronds. Pigs, chickens, goats, and children roamed aimlessly, scouring the garbage dumps for sustenance.

Driving across a bridge on the outskirts of town, I saw a fat old woman toting a hand-woven straw basket full of dirty laundry atop her head. As she dumped her clothes in the river, a naked

child pissed several feet upstream, contaminating her laundry, but causing her no discernable concern.

Like many Third Worlders, Jamaicans drive with reckless abandon, disregarding the safety of themselves or others. This is partly explained by the fact that well over half the adult male population is addicted to cheap Appleton Rum. Drunken drivers whizzed past our car, zigzagged in between other cars, then boldly shot off into the oncoming lane, face-to-face with other cars in a game of chicken. It was nerve-wrenching to view two audacious drivers speeding toward one another, each determined to maintain the right of way. Hopefully the meeker, or perhaps the more sensible, of the two would avert disaster by careening at the last possible moment to the side of the road, allowing passage to the victor. It could get messy if a hapless pig or pedestrian happened to be in the wrong place at the wrong time in this potentially deadly game.

We arrived that night in Negril, at the time center of the backpack hippy culture. I spent my first night in the tropics under a frond canopy, in a hammock at a down home hotel that sported a large painting of a buccaneer out front. I sipped my first taste of Jamaica's own Red Stripe Beer, served warm in traditional Caribbean fashion—a taste reminiscent of pisswater. Making acquaintance with some of the other guests, I was amazed to hear talk of tons of weed at only a few dollars a pound. Here, a couple of pounds was like a few joints back home. The thought of such cheap, plentiful weed was exhilarating.

The following day we hooked up with Barbara's newly-found weed connection and drove around to the other side of the island near St. Anne's Parish, the major growing region of the island.

Willy, Barbara's 22-year-old weed connection, took us up into the mountains far above St. Anne's to the so-called "Cockpit Country," where grows Jamaica's famous "Lamb's Bread Calí Herb." His relatives controlled a 50-acre plantation, and when we arrived planting was just getting underway. Prices were high at that time of year. We settled with the farmer for a thousand pounds at \$14.50 US per pound. This included Will's profit.

Next we drove down the coast towards Port Maria, where we rented a deluxe villa, including cook and maid, for \$150 US per week. With the bright blue Caribbean Sea not more than a stone's throw from our lush back yard, it was easy to think we found paradise.

The weed arrived the next night on



MILTON KNIGHT



back of a flatbed truck, a thousand pounds, pungent and potent, all bud.

To extract oil from weed was simple but dangerous. We sent a truck to Kingston to purchase five 55-gallon drums of acetone from a local gas station. Outdoors, far from the house, we popped off the top of a barrel and plunged in a 50-pound sack of herb, burlap bag and all. It soaked for 15 minutes, then was removed and the process repeated several times with a total of two or three hundred pounds of weed per barrel. The acetone quickly and effectively removed just about everything from the marijuana except cellulose fibres. The resin-laden acetone was then placed in a washtub and placed under an electric fan for evaporation. Once the acetone evaporated, usually 12 hours per thousand pounds of weed, all that remained was water and big globs of gooey oil. This mixture was poured in a cylindrical container, mixed with a few tablespoons of salt, and placed overnight in a refrigerator. The oil would then sink to the bottom and the water was merely poured off. Other methods existed, using other solvents, but ours was safer because, unlike the other methods, no heat was necessary to evaporate the solvent. A single spark could blow up an entire house.

Not only did we have to worry about fires and explosions, we also had to contend with the peculiarities of the suspicious Jamaicans, who traditionally respect neither privacy nor private property. Gossip is the prime pastime for a people endowed with little more than the mountains and sea for amusement. White persons were conspicuous targets for this gossip, and anything out of the ordinary was cause for local investigation. Any hour of the day or night could reveal a spy in the bushes surrounding the villas of "rich" Americans. (All Jamaican people know that all American people are rich. If they were not rich, how could they afford vacations to Jamaica?) Upon gleaning any exciting information, a broadcast would then be made via jungle grapevine, informing the entire coastline of the latest developments within mere hours. Unfortunately, this grapevine is hooked up to police headquarters by means of secret paid informants.

A relatively minor problem arose when we had to dispose of several tons of discarded weed, which had to be burned as a matter of both practicality and expediency. These late night bonfires were something else for me, as I have always enjoyed large volumes of marijuana smoke.

Completing the extraction, the sticky oil had to be mixed with $\frac{1}{8}$ that amount of dry, pulverized female bud, a process requiring many arduous hours of kneading. And that was it. Next step: smuggling, a procedure beset with pitfalls.

The Number One was placed in baggies and taped around the waists of young female friends, numbering thirteen in all. We preferred utilizing women as "mules" rather than men because US Customs at that time was far less likely to stop and search a prim and properly innocent, nubile lady than a man.

Once packed and dressed, the load of Number One was practically indiscernible. It could not be seen or felt by a pat search, due to the fact that we used lots of tape and ace bandages to simulate feminine proportions. We paid our mules \$1,500 per run, plus they got to smoke all the Afghani hash they wanted, eat plenty of gourmet food, and buy lots of clothes. All in all, it was a nerve-racking experience from the time we arrived in Jamaica until the last mule snuck past US Customs at either Kennedy or La Guardia.

I made my second foray into Jamaica alone, in June of '72. Rather than drive by myself all the way around the island to find Willy, Sandra's connection, I decided I would find someone else who was closer to the action and who could also deliver at a cheaper price. So I pulled off the highway across from the Playboy Club near Ocho Rios at a small, frond-roofed curio shop where I was greeted by the proprietor, Thirty Schillings, a cantankerous little old man. When he smiled he looked like a jack o'lantern because well over half his front teeth were missing.

"You got dee good herb?" I asked.

He smiled a broad grin when I mentioned a possible herbal sale.

"Yes mon, I got dee good Cali herb" he replied.

"What is dee damage for one pound?" I queried.

"I tink dem need 20 dollar US for dee herb," he said, implying the price was beyond his control.

"I tink dem wicked and I tink you too damn tief!" I parried, adding "I tink dem Rastafari in dee country dem not so wicked about dem damage for dee herb. I tink I go a mountain, to dee Cockpit Country for dem herb mon."

Thirty smiled.

"I can see you are from New Yark" he said, accenting the erroneous "a" sound. "I can gib you dee herb for 16 dollar US per pound." As he spoke he reached up

to an overhanging tree limb and pulled out a hidden bag containing about a pound of sweet, resinous, seeded herb. (It was good, but I must say that in my years on the island, I never smoked weed as good as Thai or Hawaiian.)

After seeing that the weed was for all intents and purposes identical to the weed we had copped from Willy, I agreed on the price and paid him his money.

Thirty was very happy and set to work building a spleef, using hard-o bread wrapping paper to hold a thumb-sized mixture of seeds, stems, and weed. Jamaicans believe the herb to be sacred, and therefore do not waste any part of the bud. We got "airated mon" under the jungle canopy, hidden from view of the highway by the idyllic verdure of the jungle surrounding us.

As we smoked, I explained how I wanted to do big business, and described the nature of both my work and its requirements. Thirty, like most Jamaicans, dreamed of hitting it big in the herbalist business. Now his ship seemed to be coming in.

"Yes mon, con do," he said, laughing and toking.

We agreed on a price of \$12 US a pound, per ton, a discount of \$2.50 under Willy's price.

I left and got a room at the Chela Bay Hotel, returning the next morning to meet Thirty. I rented a house which overlooked both Thirty's curio shop and the Playboy Club. Situated on a cliff, the house and yard were obscured by lush vegetation. Mr. Mac was the landlord and a friend of Thirty's as well. He showed us a hidden shack which we could also use, equipped with electricity, situated several hundred yards away from the house through the jungle. This shack would be ideal for the extraction process as it was totally inconspicuous and could not be seen from the house. Although I paid scant attention to it at the time, Mr. Mac was rip-roaring drunk when I met him. Possibly I should have considered that.

I used the house successfully several times in the next few months, producing well over 300 pounds of Number One, then commanding \$2,250 US per pound wholesale. My mules were flying through Customs in New York as if it were legal. Everyone was getting rich. As time went by, I streamlined the process from beginning to end so that I could convert two tons of weed into 40 pounds of oil in 24 hours. Things were running smoothly well into 1973.

However, most Jamaicans were not prospering as we were. The vast majority were illiterate and unemployed, perpetually poverty-ridden. Those who

wished to work in the above-ground economy could expect, if lucky, a career of arduous labor paying \$5 per day as field worker, servant, waiter, or in some other menial occupation. The herbalist business was the one and only way for these people to throw off the chains of their oppression.

Unfortunately, the turbulent political climate created by the US State Department and Drug Enforcement Administration to destabilize Michael Manley's Socialist Labor Party precluded such an expedient solution to the problem. When I returned to Jamaica in late 1973, the trend was towards more roadblocks, arrests of herbalists, informants, fear and paranoia, and extended prison sentences for those who cultivated and exported the burning bush.

Arriving that evening at the curio shop, I told Thirty I wanted to do a really big scam this time. I would need 10 tons of herb, and I wanted to meet his connection because the deal would be too big for him to do without my fronting him the money. I didn't trust Thirty with that much cash. I gave him the money for the truck rental and acetone and arranged to meet him the following night when he was to return with the solvent.

The next midnight the dumptruck arrived with the acetone and Thirty introduced me to his rum-drinking herbalist friend, Reds. Reds was very drunk, but his mind was clear enough to maintain priorities:

"You like to buy dee herb?" he asked, handing me a 50-pound burlap sack of buds.

"How much you want to sell dis herb?" I asked.

"I must hab \$11 by dee pound for 20,000 pounds," he said.

"No, mon, too much moneys for too many dem herb," I said. "I can only gib you \$6 by dee poun."

"Well I must hab \$9 by dee poun," he said.

"No, mon, you too dam tief! I gib you \$7."

"Looky here, mon. You too damn tief! I gib to you for \$8 by dee poun."

I accepted Reds' offer and further agreed to give Thirty a thousand dollars for his efforts.

The following night, in the wee hours, Reds and I set off for the mountains, high above St. Anne's Parish.

Avoiding police roadblocks, we took rutted, rarely used backroads where the local people were unfamiliar with the white man. These roads were more suited to a four-wheeler than our Escort.

Reds was a pro, having been raised on

the very plantation to which we were now heading. He knew these forgotten roads like the back of his hand, and also knew the secret locations used by police for surprise roadblocks.

We averaged only 15 mph, so it took a long time to travel the 20 miles into the hills above St. Anne's Parish to the Cockpit Country.

When we finally arrived at a small cluster of wooden shacks, our headlights torched the upper branches of a large tree from which descended a flock of angry chickens, disturbed from their roost. Soon the night was alive with the sounds of all the other barnyard denizens.

Reds introduced me to his uncle, an old man with a huge spleef hanging from his mouth and a green "Johnny-you're-too-bad"-style velvet cap perched atop his head. He led the way to a huge barn, stuffed to the rafters with the year's pot harvest, easily a hundred tons or more. A youth of 17 slept in the corner of the barn atop a ton of weed. Reds claimed the herbal mattress made for a sounder sleep. The youth was in a deep slumber, barely stirring at our arrival.

I made a down payment on the weed, then we loaded about 500 pounds into the stationwagon and on its roof. We would send a truck up the next night for the remainder.

It seemed to take forever to get back down the mountain. Thoroughly exhausted when we finally made it back to the house, I crashed out for a well-deserved sleep.

I was disturbed at dawn by sounds of men outside. It was the heat, complete with a flatbed truck upon which they had already loaded our acetone and weed.

I later learned that Mr. Mac's drunken mouth had been our undoing.

The police were a combination of Amos 'n' Andy and the Keystone Kops. Their glorious leader, resplendent in an officer's uniform, sported more decorations pinned to his chest than a banana republic generalissimo. He declined my offer of a bribe, stating that he not only had to think of his career, but his boss had already been apprised of the situation, thus precluding any interference on his part, at least for the time being.

The bust degenerated into an Untouchables rerun.

"A multi-million dollar operation," insisted the second-in-command inspector.

"Yes" concurred the Captain, "Mafia."

Two of my associates and myself were

continued on page 82

ASK ED

continued from page 55

BIRTH CONTROL AND POT

Dear Ed,

Does marijuana have any effect on birth control? It says in the birth control pamphlet that if you are smoking cigarettes you should stop because it increases the risk of adverse effects on the heart and blood vessels. How about eating marijuana?

—Zi'l One

Address Unknown

The United States government does not allow any marijuana research on fertile human females. Virtually all of the research regarding marijuana use has been conducted with male subjects. Thus, there is no hard and fast information on this subject.

Most of the damage caused by cigarette smoke has been traced to the tars and resins contained in the tobacco. On a per weight basis, marijuana contains more tars than tobacco. Thus it would seem that smoking marijuana could increase one's chance of developing heart or cancer problems. Marijuana probably has some of the same synergistic effects that the combined use of tobacco and birth control pills have regarding the development of pulmonary disease and cancer.

THC, the active ingredient in marijuana, is oil-alcohol soluble, but will not dissolve in cold or cool water. Most of the tars and resins contained in marijuana, which do not get you high, are water soluble. Smoking through a good water pipe, in which the air bubbles are finely dispersed through a quantity of water, allows the resins to dissolve in the water, eliminating them from the remaining smoke. A bit of the filtered smoke, which contains a higher percentage of the THC, will stick to the sides of the pipe, but the loss is not high.

There has been virtually no research done on the effects ingesting marijuana has on health or fertility.

For more than 20 years there has been an in-vivo experiment in the United States regarding marijuana. Millions of people smoke it regularly. If it were detrimental to the population's health we would see it statistically as we do for tobacco, alcohol and cocaine. But medical statistics do not indicate that marijuana has been linked with health problems.

NEIGHBORLY CONCERN

Dear Ed,

About a year ago I planted a bunch of Mexican seeds in a flower pot and put it on a windowsill. For six months I left the 30 plants there, growing them for the fun of it. They grew between 12"-18" high and I decided to plant a dozen of them in my backyard. I didn't try to camouflage them since I was only growing for fun. I didn't dream that any of our neighbors who we have been living in harmony with for 13 years would make trouble because of my plants.

What a lame idea! The facts of life were slapped in my face when two narcotics officers knocked on my door a month later, asking for me by name.

One of my neighbors turned me in. I have just finished the legal wrangle and am free. The neighbor now has an eternal enemy.

—Anonymous
USA

CLUB SODA AND CO₂

Dear Ed,

Can club soda, which is CO₂ in H₂O, be used in place of the regular CO₂ systems to enrich plants with CO₂?

—Chico

Miami, FL

No. Club soda contains added table salt. Instead, seltzer water, which is carbonated water without salt added, can be used to CO₂ enrich the plants. This technique is most efficient with small plants.

If the seltzer is home-made in a soda maker with a CO₂ cartridge, it could be mixed with dilute fertilizer. The plants are able to absorb the nutrients through the leaves. This gives the plants a super-boost.

POLLINATE TO HARVEST?

Dear Ed,

Could one pollinate sensimilla plants on purpose a few days prior to harvest to increase yield and bouquet?

—Fighting Mad NORML Member
USA

Not a bad idea. Pollinating the plants would force the flowers to ripen up. Weight would increase a bit and the potency and flavor might be enhanced. Make sure to harvest 5-7 days after pollination. If the crop were harvested later immature seeds will detract from the smoke.

continued on page 70

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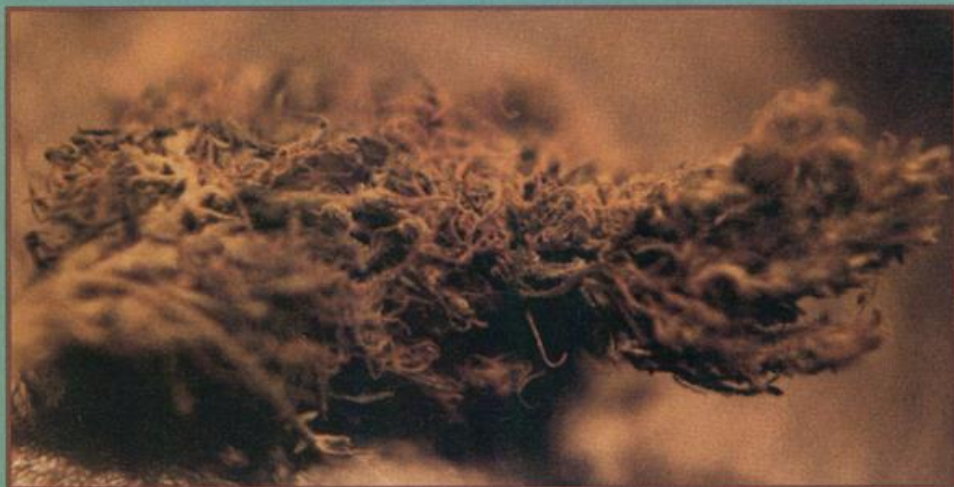
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ASK ED

continued from page 68

THIEVES BEWARE

Dear Ed,

I know the Vette my labors paid for sits in some scumbag's garage. So I am doing something this year to cure the problem.

I am going back to my old patches, the ones that were ripped off before, and setting up "dummy" gardens using Colombian and other low-grade seeds. I will make it look that the patches are well cared for. Of course I will have new real patches elsewhere.

Then I will make a call to the local narcs, giving them detailed locations. I get paid a reward for this. When the thieves come back to check out the gardens, they will have a rude awakening. The local narcs can devote more time to watching the thieves than I can. In this case I wish them all the luck in the world.

—Name Withheld
Keota, IA

A hard question, ethically. Practically there are a few problems too. Giving your name to the police, even to collect a reward, may not be in your best interest. How do you know the police will stake out the patch rather than just collect it?

MOONLIGHT AND FLOWERING

Dear Ed,

What effect does moonlight have on a flowering plant?

—J.S.
Cincinnati, OH

A truly bright moon may set the flowering back a few days. This would occur only during the brightest, clearest evenings with a full or nearly full moon.

PLANTING IN CORN

Dear Ed,

I'm planning to plant 25-30 seeds in each 10 acre cornfield this year. Will this attract much attention? Should I grow them in groups together or stagger them throughout the field?

—S.T.
Urbana, IL

If there is a lot of wild hemp growing in the area, then a guerilla planting will not be much noticed. Usually the plants grow in groups.

If there is not much wild hemp, then the plants are likely to be more noticeable and would be less likely to be detected if they were grown singly.

MAGNESIUM DEFICIENCY

Dear Ed,

I am growing my second crop in a Quad using all kit-supplied components. The vegetative growth stage was astounding and exceeded my expectations. I changed from their 20-6-16 vegetative to the 10-30-18 flowering when I cut the lights back. After 6 days the plants reacted strangely. The largest leaves turned copper to brown between the veins, near the tips. It crept slowly up the plant, causing the leaves to curl up. Some of them dried and fell off. Newer leaves were not affected.

I quickly flushed the system with fresh water and changed the nutrient mix to 50-50 vegetative and flowering fertilizer. The pH remained at 6.6 during the whole ordeal.

What caused this sudden reaction and how can I avoid it in the future?

—Nervous Novice
Milwaukee, WI

Your plants exhibited symptoms of a magnesium (Mg) deficiency. The cure is easy, just add 1-2 teaspoons of epsom salts (MgSO₄) per gallon of water. It can also be sprayed on the leaves at the same concentration. Heavily damaged leaves will not recover that much, but slightly affected leaves will. Epsom salts are available in any drugstore.

CREEKY IRRIGATION

Dear Ed,

Last year I planted seedlings along a creek. The creek dried up and so did my plants. Can I insure the plants a constant water supply or should I find a different spot?

—All Dried Up
Gratiot County, MI

It depends when the creek dries up. Creeks which last most of the summer can be used for the earliest ripening plants. You may have noticed that some areas in the creek remained wet even after the waterflow stopped. Those areas might be able to support the plant's water needs through harvest.

CHARCOAL TIP

Dear Ed,

I grow in a soil-less mix which consists of peat moss, vermiculite and perlite. I add one part horticultural charcoal to 8 parts of the mix. I heard the charcoal acts as a buffer and helps keep the soil from going acidic. I have been using the mix with charcoal for a couple of years now and have never had a problem with pH. The plants grow great in it.

—The Rat
Garland, TX

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(A public service message from the editors of **High Times** magazine)

continued on page 76

VAPORIZING

continued from page 60

acid causes burns. Have bicarbonate of soda handy to neutralize spills. Boil this mixture for two hours, adding more alcohol as needed to replace the amount lost to evaporation. To reduce alcohol evaporation and the danger of fire, you may cover the pot with a large overturned metal lid, filled with ice. This cool surface will condense the evaporated alcohol, and allow it to drip back.

Further purification is done by mixing the isomerized oil and alcohol mixture with an equal amount of water. Add one gram of sodium bicarbonate for each drop of sulphuric acid. Place this in a small-necked glass bottle. Add more water so the fluid level is near the bottle top, where it narrows. Then add a small amount of a non-polar solvent. Shake the bottle gently, and remove the solvent and THC oil layer by sucking it out with a baster or an eyedropper. The final step is to heat (electrically only) the result in a double boiler over water to remove the non-polar solvent. Suitable non-polar solvents include petroleum ether, ligroin, ethyl ether, benzene, xylene, toluene, chloroform, methylene chloride and carbon tetrachloride. All of these except the last three are highly flammable and lighter than water. Good ventilation is essential. It is also important when the solvent is nearly gone to add a drop or two of water and keep heating until the water has evaporated, to be sure that the lower boiling point solvent is totally evaporated. At this point you have a highly concentrated oil, with all toxins removed, which contains a high proportion of THC. For more detailed purification and isomerization procedures read the books. Dr. Lunglife says, "Safety first!" ●

The author, known to us only as Dr. Lunglife, never told us his real name. He did tell us that he used to live in New England, where he had fun sneaking into the woods and growing his own pot. After years of mediocre crops he finally enjoyed a bumper crop on his hidden 10' x 12' plot (odd shaped for camouflage). The seven pounds dry weight he harvested was boiled in alcohol to extract the oil; and the crude oil was further concentrated, isomerized and purified using the methods in the books listed. The oil he derived from this one crop boiled down to six ounces, and has lasted him for seven years, with use nearly every evening and weekend. He reports that vaporizing THC is not only efficient but has protected his lungs. He wants to stress that this article was written, not to encourage illegal activity, but to inform those who are currently smoking marijuana about advances in technology.

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Hoffman

continued from page 36

Woodstock with the groups that got money out of the Woodstock promoters for the counterculture. Were you involved in that?

AH: I was the key leaner. This is all described in my book, *Woodstock Nation*, but yes, I was the one who went to the Woodstock promoters and said, "You're borrowing from street culture, there's a lot of street groups here and also we can help. We can help with crowd control. You're way off on your estimates. Far more people are coming than you expect, and we want some money."

But it was great fun being there, and it unfortunately can't be repeated, but that's the way it is with the greatest cultural event of the century. You can only have one. I think that's extremely important in understanding the '60s. Although today, I can point to many groups and singers who are far more radical than any of the groups that played at Woodstock—U2 is radical, Michelle Shocked, Billy Bragg, Lou Reed, Tracy Chapman, most reggae music, there's tons of good political stuff out there—when we had our music in the '60s, we had to fight for it. We had to fight to hear rhythm and blues. We literally had to fight to get it into the park because all the institutions in America were out to repress it. So it lent itself to a general feeling of revolution and resistance and therefore became our music.

So it isn't how much protest is going on, and how much good activist or socially concerned music there is, it also has to be measured against what the background is. We made a big break from the 1950s and the witch hunts and the sexual repression of the period—the tremendous anti-liberation period we lived through—far more repressive than the 1970s or '80s.

HT: The 1970s were pretty wide open, actually.

AH: They were wide open, they were permissive, but there was not resistance and defiance. It was just permissive because people were a little shell-shocked with Watergate, the end of Vietnam, the Arab trade embargo—they were just shell shocked. They were permissive but it wasn't a resistant, insurrectionary period. No. That was the '60s.

Hopefully we'll see it in the '90s. I mean, you always got to hope. What the hell else is there? ●

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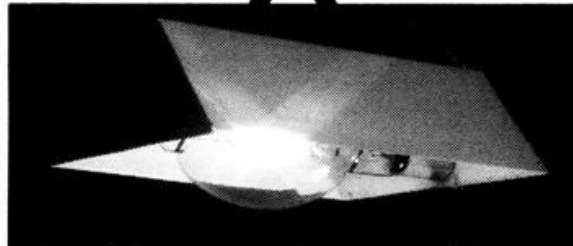
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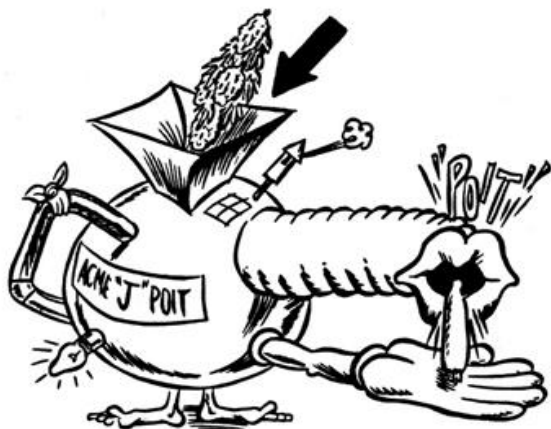
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ASKED

continued from page 70

NORTH COUNTRY FLOWERS?

Dear Ed,

I live in northern Maine on the Canadian border. The frost-free growing season runs from the last week in May to the third week in September. I have transplanted seedlings before and grown real bushy 6'-7' plants. But they never have time to flower, let alone mature.

—Cool Climate Grower

Van Buren, ME

At higher latitudes, the long days of summer are quickly followed by the rapidly shortening autumn. Most varieties of marijuana will not respond in time to this change in day length, so that the cold kills them just as they are beginning to flower. The plants could be shaded each day to induce them to flower early in the season. Starting August first or even earlier, they should get no more than 12 hours of light per day. Within 6-8 weeks they will be ready for harvest.

An easier solution would be to choose an earlier variety. Perhaps other growers in the area have adapted plants to the climate. Or you could develop your own using selective breeding techniques. Some varieties offered by the seed companies are advertised to flower early and ripen early enough to produce a crop at a high latitude. To name a few, most Durban and Durban hybrids, Gouda's Glory, Indisat, Early Bird, Early Pearl, Beatrix Choice, California Orange and Royal Dutch.

MORE PANAMA RED

Dear Ed,

Here's some information about Panama Red, which one of your readers asked about.

At 17 I enlisted in the army and was in Panama for 18 of the most miserable months of my life. There was plenty of herb, coke, dope and pussy, but the climate was unreal. It rains eight months out of the year: from April to the beginning of October. The insects were intolerable and the locals are hostile except when they can make money off you.

There is not much pot grown in Panama, except what is sold to US Army personnel and Canal Zone workers.

The humid Atlantic side, close to Colombia, produces a brown, fibrous type of weed which is mild to mediocre in quality. The plants are grown on any of the literally thousands of small islands

that dot the expanse of Gatun lake. In 1973 you could purchase a bag full of reefer for between \$40-60.

To find the true Panama Red, you must travel to the Pacific side, 40 miles north of Colon. The climate there is dryer and more conducive to the growth of one of the finest strains of marijuana in the world.

Near the end of my tour of duty I made the acquaintance of a Chinese grower who showed me one of his smaller fields. It was deep in the mountainous interior. The plants were germinated in July and grown in coffee cans until they were 12"-18" tall. [This helps protect them from predators—Ed] Then they were planted in the fields, which were surrounded by a fine mesh fence.

The soil had been previously fertilized with fish scraps and steer manure. The plants grew to 7'-8' by the end of October. Then they began to flower. The old man trimmed most of the branches to produce a huge central cola. The plants were fully ripe at the beginning of December, at which time the crown was 3' long and 6"-8" thick. The male plants are snapped mid-stem and only the strongest lived through the searing heat of the dry season flowering and fertilizing the females.

The plants were heavily seeded, and the central stems so top-heavy they had to be propped up with bamboo poles. The plants average height at harvest was 10'-12'. A truly awesome sight for the uninitiated. I do not know how they cured the plants and the finished product. The large cola leaves were a rusty red color. Old Wu's finest buds contained a mixture of red, blonde, light brown and various shades of green.

The true red is only available from mid-December to mid-March. The rest of the year, during the rainy season, only immature tops are available.

I still possess descendants from this fine seed strain, but I have crossed them with *indicas* to produce an earlier flowering plant suitable for a temperate climate.

—Burt the Bug
Brooklyn, NY

Thanks for the info, Burt.

OVERFERTILIZATION

Dear Ed,

My problem is that the leaves of my plants curl under and show some dead spots.

—Tall T.

St. Louis, MO

The plants are suffering from over-fertilization and possibly from lack of air in the medium. Cut down on fertilization and keep the medium a bit drier.

continued on page 85

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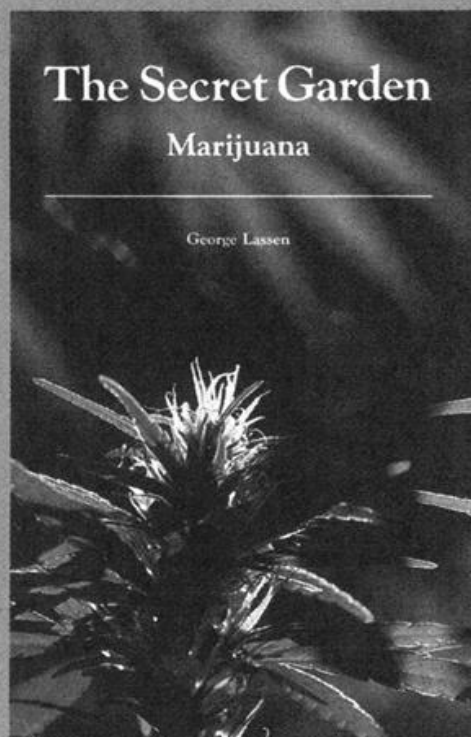
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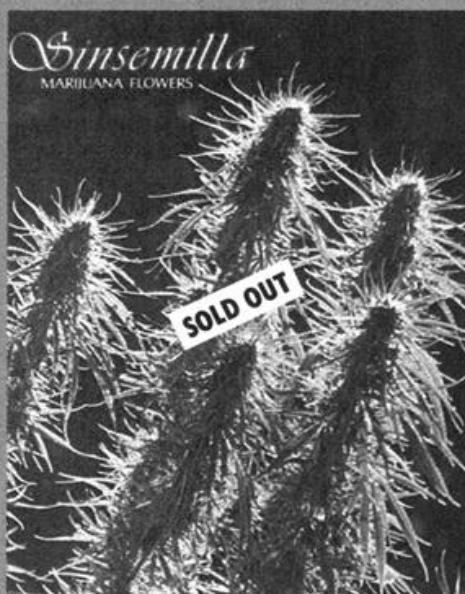
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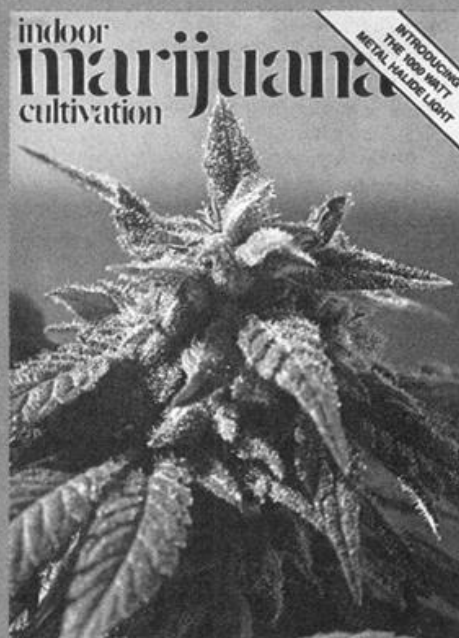
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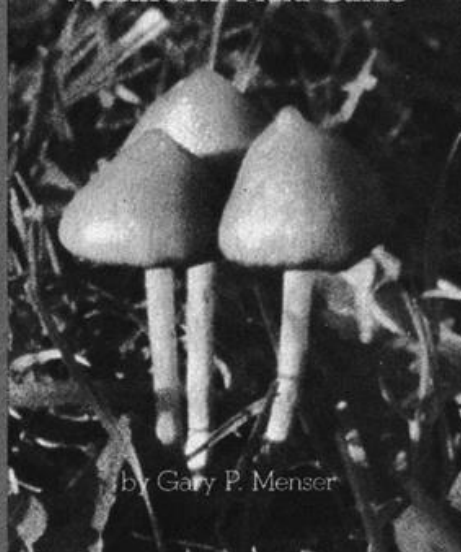
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LIGHT

continued from page 67

carted off to Port Maria jail, 15 miles down the coast. It was reminiscent of the Dark Ages.

At first we were put in a vacant cell next door to the one housing the current Jamaican prisoners. They saw us come in, and began taunting us with racial jeers. I wondered if there would be violence, but when we were transferred into the next cell with them, an uneasy truce developed.

The cell was only about 20' by 20' and was clearly not big enough for the nine prisoners which it now contained. With only a couple of tattered shreds of styrofoam littering the floor, I could see we would be sleeping on the cement.

A tiny beam of light pierced the cell, barely enough to illuminate the thick slime covering the floors and walls, obviously deriving nourishment from the liberal supply of excreta which former cell occupants apparently had deposited over the years. The nauseating miasmic smell was worsened by a small bucket that served as commode for all nine of us and which was only emptied once a day. Adding to the down-home atmosphere, huge rats scurried in the night, paying their respect only inches from my face as I attempted to doze on the slime-encrusted cement floor.

I was soon dragged from the cell to see the Captain. He wanted to know if any of my Mafia connections were going to blow up the jail. He also wanted to know what was in the vial he held in his hand.

My eyes lit up when I saw the vial of Afghani honey essence. The half ounce in the vial could keep all nine of us high for weeks. I knew I just had to get it.

"Oh, Captain, thank you so much for finding my ear medicine. My ear has been infected and this medicine keeps out the air." Such a ridiculous story would have never worked anywhere else in the world, but in crazy Jamaica it sounded quite logical. When I snatched the vial out of his hand he didn't say a thing.

Back in the cell I sought to bridge the cultural gap which existed between us and the Jamaican prisoners. They were quite amazed when I pulled out the vial and explained what was inside. Their eyes lit up as one might expect. With no weed, I mixed the oil with tobacco and we passed around some sticky chokers. As the potent sacrament worked its miracle, the dreary surroundings took on a comical serenity.

I taught the Jamaicans several Merle Haggard tunes. The one which they liked

best was "Mama Tried." Two of the young Jamaicans could really identify with this song because they had just been sentenced to life without parole in Kingston Gun Court.

Armed robbery had become endemic in Jamaica and in an effort to control the violence and killing, a special gun court had been established to deal with those who possessed either guns or bullets. A single bullet could get you life in prison. My two fellow prisoners had robbed a Kingston bank and in their getaway had shot up a couple of police. They were chased by police high into the Blue Mountains and caught when their car plowed into a banyan tree.

As I dug in for the duration of my confinement, interrogation, and courtroom proceedings, the latest wave of hot gossip flashed up and down the coast:

"White boys, dem go a jail!"

When I got busted I had a few hundred dollars in my pocket which I used to bribe the guards. I had several of them go into the evidence room and bring me a couple of pounds of weed from my former stash. I was also able to order food from across the street at a restaurant, and instead of eating the dismal salted codfish, stale rice, and aki provided by the Captain, we ate curried goat, lobster, barbecued chicken, goat's head soup, you name it.

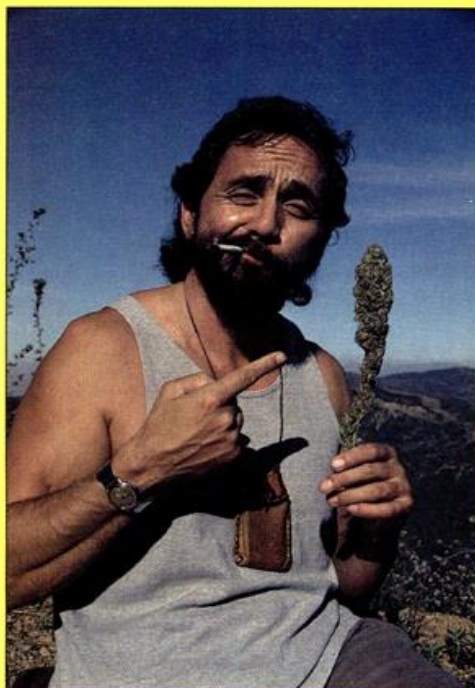
The days were long and the cell became as hot as an oven. To pass the time we did a lot of talking, herb-smoking and rum-drinking.

To understand what a crazy place Jamaica is, you would have to see some of the people in that cell. One youth of 18 was doing 30 days for stealing a breadfruit off his neighbor's tree. The value of the breadfruit in question was five cents. Besides the bank robbers and breadfruit thief, there was a true Rastafari, or Rastafarian. A Rasta was easily distinguishable from ordinary Jamaicans because of his hair, which grows out naturally into tangled braids called dreadlocks which become more matted with each passing season. The more fanatic cultists used cow shit as a natural protein rinse. These natty dreadlocks were unmistakable, festering in the hot sun. "If you want to be a li-on, you must go to Zi-on" is the profound philosophy upon which the basic tenet of the Rastafarian cult rests. They believe a man must never cut hair or beard, and that any form of sex other than the heterosexual missionary position is sinful.

The Rastafarian religious cult is a

continued on page 87

NEXT MONTH



EILEEN POLK

FAR OUT MAN!

In two separate, exclusive interviews, Cheech and Chong discuss their new dope comedies. Tommy Chong takes us behind the scenes of his new film **FAR OUT MAN**, and gives the low-down on Cheech and Chong's breakup, while Cheech Marin discusses his role as an LSD-inspired hippie in Orion Pictures' **RUDE AWAKENING**. **PLUS:** A tour of Wetlands, a hip hangout where Deadheads rule. An excerpt from **THE EMPEROR WEARS NO CLOTHES** by Jack Herer. Abbie Hoffman's tips on how to beat drug tests. **AND:** Grow columns by DC and Ed Rosenthal, the **HIGH TIMES** Readers' Forum, more of Fabulous Freak Brothers and Reefer Rodent comics, and the Ultimate Party Magazine.

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ASK ED

continued from page 77

FEMALES AND HERMAPHRODITES

Dear Ed,

I have always started my seeds by germinating them between layers of paper. This year, before covering them, I sprinkled Ferti-Lome Rooting powder (.1% Indole 3 Butyric Acid) on them and wound up with 80% females. I don't know if it was luck or not, but I thought I'd pass along the experience.

Now for my question: I have some seeds from my sativa plot. The trouble is that, about three weeks before harvest, some of the plants grew a single male pollen sack near the withering calyxes. Will they follow the same pattern this year or will they exhibit hermaphroditism earlier, so they can be weeded out?

—T.

Lebanon Junction, KY

Plants grown from seeds produced by the hermaphrodites will exhibit the same characteristics as their parents: female plants which produce a few male flowers towards the end of the flowering cycle. The seeds produced from this pollen will be female since the plants are female and have no male chromosomes. The plants have some genes for male flowers late in life which are probably on their sex chromosomes.

The high ratio of female plants was probably caused by this, rather than the use of indole 3 butyric acid.

CO₂ DANGER?

Dear Ed,

Is there any danger in being in a room full of CO₂? What about asphyxiation?

—Flash Back

Elizabeth Town, KY

Asphyxiation from CO₂ is rare under normal circumstances. A kitchen with four gas burners has a higher concentration of CO₂ than a grow room. With high concentrations of CO₂ you will feel drowsy. Ventilate the space.

• I welcome comments, tips, and questions regarding marijuana and marijuana cultivation. Send all letters to Ask Ed, HIGH TIMES, 211 E. 43rd St., New York, NY 10017. Also send entries for the Bud, Plant, and Garden of the Month Contests. All correspondents whose letters or photos are used will receive a free copy of my book, *Marijuana Growers Handbook*, Indoor/Greenhouse Edition.

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LIGHT

continued from page 82



loosely formed offshoot, unique to Jamaica, of the Ethiopian Coptic Church which believes that Haile Selassie was an incarnation of God Himself. From the ranks of this cult came reggae. Strict interpretation of the Bible is perhaps the most interesting facet of the religion, in that their interpretation diverges somewhat from the Moral Majority's. They believe that when Moses came upon the burning bush, he got loaded from breathing the smoke, thus becoming the first known mortal to experience a cannabis high. From this belief, perhaps, came the consideration of herb as the quasi-official church sacrament. Most Rastas I knew smoked a pound of buds by themselves per day to aid in the spiritual existence. The Jamaican police hated the Rastafari.

The Rastaman in my cell knew his religion, speaking of the harmony of the sun, moon, and stars as if in a trance. He was oblivious to those around him, due to the fact that he'd just been severely beaten by the police. He looked terrible dressed in tattered rags which had never seen a bar of washing soap, and blighted by cuts and bruises. He continued: "Rass clot, pussy clot, blood clot,

bumble clot dem sheriff, dem wicked oppressor trow I and I a jail." In local vernacular, "rass" means "ass." "Clot" means "cloth." In the case of "rass clot" it really means "toilet paper," "pussy clot" is a tampon, "blood clot" a used tampon and "bumble clot" means "It's a bumble when you use a clot." "I and I" means that you and I are both one.

He continued cursing at the police and, unsurprisingly, they dragged him from the cell and took him to the torture chamber next door and proceeded to beat the fuck out of him once again. All this because a United States foreign-aided cop caught the poor guy building a spleef. Ah, the inconsistencies of United States foreign policy.

The Captain told me unless I hired his cousin, an attorney, to represent me, I could expect to do several years in prison. I could see he had finally figured out a way to accept the bribe I had offered him.

Mr. MacIntosh was a young law school

graduate. When he came to see me all he wanted to know was how much money I had at my immediate disposal. I would have lied, but since the police would accompany me to the safety deposit box in Oche and observe my withdrawal, I had to tell him the truth. I was glad I hadn't had any more money sent down yet, but still, it hurt to see my \$6,000 go into MacIntosh's pocket.

I didn't see him again after I gave him the money and our court date was nearing, so I sent for William Graber, my New York attorney. He was able to work out a fer-sure deal between all interested parties: The court wanted \$3,000 and a guilty plea. We would be sentenced to time served and deported, ordered never to again return to Jamaica.

We spent a total of 12 days in jail. Mr. MacIntosh did finally show up on our day in court to offer a fiery oration of comically absurd flamboyance. Justice tempered with mercy is what we paid for and that's what we received. ●

**Next month — part two of
"The Bright Side of the Light" by Thomas Paine.**

STATE-BY-STATE COMPARISON OF THE MARIJUANA LAWS

Compiled by the National Organization for the Reform of Marijuana Laws

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Over 10,000 lbs: 15 yrs & \$200,000

Alaska

Possession/Cultivation: Legal for personal use in home.
Any amt for personal use not in home: 0-\$100
Public Display of up to 1 ounce or possession of 4 or more ounces: 0-90 days & \$1,000
Sale up to 1 ounce: 0-1 yr & \$1,000
Over an ounce: 0-5 yrs & \$5,000

Arizona

Possession: Up to one pound: 1.5 yrs & \$750-150,000
1-8 lbs: 4 yrs & \$750-150,000
8 lbs: 7 yrs & \$750-150,000
Cultivation/Sale: Same as possession for over 1 lb.
Arizona also has provisions requiring community service and drug treatment for people convicted of any pot crime.
Laws regarding drug sales near schools eliminate any chance of parole until all of the sentence is served as well as imposing a minimum \$2,000 fine.

Arkansas

Possession: Up to 1 ounce: 0-1 yr & \$1,000
1 oz-10 lbs: 4-10 yrs & \$25,000
10-100 lbs: 5-20 yrs & \$50,000
Over 100 lbs: 6-30 yrs & \$100,000
Cultivation/Sale: Up to 1 ounce: 2-10 yrs & \$10,000
Over an ounce same as possession charge

California

Possession: Up to an ounce: 0-\$100
Over an ounce: 0-6 mos & \$500
Cultivation: 16 mos-3 yrs
Sale: 2-4 years

Colorado

Possession: Up to an ounce in private: \$0-100
In public: 0-15 days & \$100
1-8 oz: 0-2 yrs & \$500
8 oz or more: 1-2 yrs
Cultivation/Sale: Any amount 2-4 yrs
Second offense possession of any amount over an ounce subsequent to a prior pot offense carries a penalty of 6 mos-2 years. For 8 or more ounces, 3-8 years & \$2,000-5,000.

Connecticut

Possession: Up to 4 ozs: 1 yr or \$1000
Over 4 ozs: 0-5 yrs & \$2000
Cultivation/Sale: Up to 2.2 lbs: 0-7 yrs & \$1,000
Over 2.2 lbs: 5-20 yrs
No suspended sentences unless a person is drug dependent.

Delaware

Possession: Up to 50 lbs: 0-2 yrs & \$500
50-100 lbs: 3 yrs & \$50,000
100-5,000 lbs: 5 yrs & \$100,000
Over 5,000 lbs: 15 yrs & \$400,000
Cultivation/Sale: Up to 50 lbs: 0-10 yrs & \$10,000
50-100 lbs: 3-10 yrs & \$50,000
100-5,000 lbs: 5 yrs & \$100,000
Over 5,000 lbs: 15 yrs & \$400,000

Florida

Possession: Up to 20 grams: 0-1 yr & \$1000
20 grams-100 lbs: 0-5 yrs & \$5,000
100-2,000 lbs: 3-30 yrs & \$25,000
2,000-10,000 lbs: 5-30 yrs & \$50,000
Over 10,000 lbs: 15-30 yrs & \$200,000
Cultivation/Sale: Up to 20 grams: 0-5 yrs & \$5,000
All other amounts: Same penalties as for possession

Georgia

Possession: Up to 1 oz: 0-1 yr & \$1000
1 oz to 100 lbs: 1-10 yrs
100-2000 lbs: 5-10 yrs & \$25,000
2000-10,000: 7-10 yrs & \$50,000
Over 10,000: 15 yrs & \$200,000
Cultivation/Sale: Up to 100 lbs: 1-10 yrs
All other amounts: Same penalties as for possession

Hawaii

Possession: Up to 1 oz: 0-30 days & \$500
1 oz to 2.2 lbs: 0-1 yr & \$1000
Over 2.2 lbs: 0-5 yrs & \$5000
Cultivation/Sale: Up to an ounce: 0-1 yr & \$1,000
All other amounts: Same penalty as for possession

Idaho

Possession: Up to 3 ozs: 0-1 yr & \$1000
Over 3 ozs: 0-10 yrs & \$10,000
Cultivation/Sale: Up to 3 ozs: 0-5 yrs & \$1,000
Over 3 ozs: 0-5 yrs & \$15,000

Illinois

Under 2.5 gms: 0-30 days & \$500
2.5-10 gms: 0-6 mos & \$500
10-30 gms: 0-1 yr & \$1,000
30-500 gms: 1-3 yrs & \$10,000
Over 500 gms: 2-5 yrs & \$10,000
Cultivation/Sale: Under 2.5 gms: 0-6 mos & \$500
2.5-10 gms: 0-1 yr & \$1,000
10-30 gms: 1-3 yrs & \$10,000
30-500 gms: 2-5 yrs & \$50,000
Over 500 gms: 3-7 yrs & \$100,000

Indiana

Possession: Up to 30 gms: 0-1 yr & \$1,000
Over 30 gms but less than 10 lbs: 0-2 yrs & \$10,000
Cultivation/Sale: Same penalties as for possession

Iowa

Possession: Any amount: 0-6 mos & \$2,500
Cultivation: Any amount: 0-5 yrs & \$2,500
Sale: Any amount: 0-5 yrs & \$10,000

Kansas

Possession: Any amount: 0-1 yr & \$2,500
Cultivation: 0-1 yr & \$2,500
Sale: 1-10 yrs & \$10,000

Kentucky

Possession: Less than 8 ozs: 0-1 yr & \$500
8 oz-5 lbs: 1-5 yrs & \$2,500
5 lbs or more: 5-10 yrs & \$5,000-10,000
Cultivation/Sale: Penalties are the same as for possession
Note: Up to four plants is treated as simple possession

Louisiana

Possession: Under 100 lbs: 0-6 mos & \$500
100-2,000 lbs: 5-15 yrs & \$50,000
2,000-10,000 lbs: 15-25 yrs & \$200,000
Over 10,000 lbs: 25-35 yrs & \$500,000
Cultivation/Sale: Under 100 lbs: 0-10 yrs & \$15,000
All other penalties same as for possession

Maine

Possession: Any amount for personal use up to 1.5 ozs: \$0-200
1.5-2 lbs: 0-1 yr & \$1,000
2-1,000 lbs: 0-5 yrs & \$2,500
over 1,000 lbs: 0-10 yrs & \$10,000
Cultivation/Sale: Up to 1.5 ozs: 0-1 yr & \$1,000
All other penalties same as for possession

Maryland

Possession/Cultivation: Any personal use amount: 0-1 yr & \$1,000
Any other amount, presumed intent to distribute: 5-15 yrs & \$15,000
Importation of over 100 lbs into MD: 0-25 yrs & \$50,000
Second Offense Mandatory 2 yrs, up to 15 yrs & \$15,000

Massachusetts

Possession: Any amount for personal use: Probation
Cultivation/Sale: 0-2 yrs & \$5,000

Michigan

Possession: Any amount: 0-1 yr & \$1,000
Use: 0-90 days & \$100
Cultivation/Sale: 0-4 yrs & \$5,000
City of Ann Arbor: Possession under 1 oz: \$0-100

Minnesota

Possession: up to 1.5 ozs: 0-\$100
Over 1.5 ozs: 0-3 yrs & \$3,000
Cultivation/Sale: Any amount: 0-5 yrs & \$30,000

Mississippi

Possession: Up to 1 oz not in vehicle: \$100-250
1 gm to 1 oz in vehicle: 0-90 days & \$1,000
1 oz-2.2 lbs: 0-2 yrs & \$3,000
Over 2.2 lbs: 0-20 yrs & \$1 million
Cultivation/Sale: Up to 1 oz: 0-3 yrs & \$3,000
1 oz to 2.2 lbs: 0-20 yrs & \$30,000
Over 2.2 lbs: 0-30 yrs & \$1 million

Missouri

Possession/Cultivation: Up to 35 gms: 0-1 yr & \$1,000
Over 35 gms: 0-5 yrs & \$1,000
Sale: Any amount: 5 yrs-Life
Note: Any marijuana offense while driving punished by license suspension for 1 year.

Montana

Possession: Up to 60 gms: 0-6 mos & \$500
Over 60 gms: 0-50 yrs & \$50,000
Cultivation/Sale: 1 yr to Life & \$50,000

Nebraska

Possession: Up to 1 oz: \$100 & drug ed
1 oz-1 lb: 0-7 days & \$500
Over 1 lb: 0-5 yrs & \$10,000
Cultivation/Sale: Any amount: 0-5 yrs & \$10,000

Nevada

Possession: Up to 1 oz by a person under 21: 0-6 yrs & \$2,000
Up to 100 lbs by an adult: probation: 6 yrs & \$5,000
100-2,000 lbs: 3-20 yrs & \$25,000
2,000-10,000 lbs: 5-20 yrs & \$50,000
Over 10,000 lbs: \$5 yrs to Life & \$200,000
Cultivation/Sale: Up to 100 lbs: 1-15 yrs & \$5,000
All other penalties are the same as for possession

New Hampshire

Possession: Up to 1 lb: 0-1 yr & \$1,000
Over 1 lb: 0-7 yrs & \$2,000
Cultivation/Sale: Any amount: 0-15 yrs & \$2,000

New Jersey

Possession: under 50 gms: 0-6 mos & \$750 & 2 yr loss of driver's license
Over 50 gms: 0-5 yrs & \$15,000
Cultivation/Sale: 0-5 yrs & \$15,000
New Jersey also has provisions for doubling penalties if they occur within 1,000 ft of a school, and strengthened penalties for people that employ minors in the drug trade.

New Mexico

Possession: Up to 1 oz: 0-15 days & \$100
1-8 ozs: 0-1 yr & \$1,000
8 oz-100 lbs: 0-18 mos & \$5,000
Over 100 lbs: 3 yrs & \$5,000
Cultivation: Any amount: 9 yrs & \$10,000
Sale: 1 gm-100 lbs: 18 mos & \$5,000
over 100 lbs: 3 yrs & \$5,000

New York

Possession: Up to 25 gms in private: \$0-100
25 gms-2 ozs: 0-3 mos & \$500
2-4 ozs: 0-1 yr & \$1,000
4-8 ozs: 0-4 yrs
1-10 lbs: 0-7 yrs
Over 10 lbs: 0-15 yrs
Cultivation: Up to 4 ozs: 0-1 yr & \$1,000
4-8 ozs: 0-1 yr & \$10,000
8 ozs-1 lb: 0-4 yrs
1-10 lbs: 0-7 yrs
over 10 lbs: 0-15 yrs
Sale: Up to 25 gms: 0-1 yr & \$1,000
25 gms-4 ozs: 0-4 yrs
4 ozs-1 lb: 0-7 yrs
Over 1 lb: 0-15 yrs

North Carolina

Possession: Up to 1 oz: 0-30 days & \$100, suspended over 1 oz: 0-2 & \$2,000
Cultivation/Sale: Penalties same as possession of over 1 oz
The following mandatory minimum sentences are provided for trafficking offenses:
over 50 lbs, less than 100 lbs: 5 yr min
over 100 lbs, less than 2,000 lbs: 10 yr min
over 2,000 lbs, less than 10,000 lbs: 14 yr min, 20 yr max
over 10,000 lbs: 35 yr min, 40 yr max

North Dakota

Possession: Up to .5 oz not in vehicle: 0-30 days & \$500
Conditional:
.5 oz-1 oz not in vehicle, or .5 oz in vehicle: 0-1 yr & \$1,000
over 1 oz: 0-5 yrs & \$5,000
Cultivation/Sale: Any amount: 0-10 yrs & \$10,000

Ohio

Possession: Up to 100 gms: \$0-100
100-200 gms (0-30 days & \$250)
200-600 gms: 6 mos-5 yrs & \$2,500
Over 600 gms (1-10 yrs & \$5,000)
Cultivation/Sale: Up to 200 gms: 6 mos-5 yrs & \$2,500
200-600 gms: 1-10 yrs & \$5,000
Over 600 gms: 2-15 yrs & \$7,500

Oklahoma

Possession: Any amount for personal use: 0-1 yr
Cultivation: Any amount: 2-10 yrs & \$50,000
Sale: Less than 25 lbs: 2-10 yrs & \$20,000
25-1,000 lbs: \$25,000-100,000
Over 1,000 lbs: \$100,000-500,000

Oregon

Possession: Up to 1 oz: \$0-100
over 1 oz: 0-10 yrs & \$2,500
Cultivation/Sale: 0-20 yrs & \$100,000

Pennsylvania

Possession: Up to 30 gms: 0-30 days & \$500
Over 30 gms: 0-1 yr & \$5,000
Cultivation/Sale: Any amount: 0-5 yrs & \$15,000

Rhode Island

Possession: Less than 1 kg: 0-1 yr & \$250
more than a kilo: 10 yr mandatory minimum
Cultivation/Sale: Any amount: 10-30 yrs & \$50,000

South Carolina

Possession: Up to 1 oz: 0-30 days & \$200
Over 1 oz: 0-5 yrs & \$5,000
Cultivation/Sale: Penalties same as possession over 1 oz.

South Dakota

Possession: Up to 1 oz: 0-30 days & \$100
1 oz-1 lb: 0-1 yr & \$1,000
1-10 lbs: 0-2 yrs & \$2,000
Over 10 lbs: 0-10 yrs & \$10,000
Cultivation/Sale: Up to 1 lb: 0-1 yr & \$1,000
1-10 lbs: 0-2 yrs & \$2,000
Over 10 lbs: 0-10 yrs & \$10,000
Note: Penalty for cultivation under 1 oz same as for possession under 1 oz.

Tennessee

Possession: Up to 10 lbs: 0-1 yr & \$1,000
Over 10 lbs: 4-10 yrs & \$10,000
Cultivation/Sale: Up to .5 oz: 0-1 yr & \$1,000
5 oz-10 lbs: 1-5 yrs & \$3,000
Over 10 lbs: 4-10 yrs & \$10,000
Note: Cultivation carries mandatory minimum 1 yr sentence

Texas

Possession: Up to 2 ozs: 0-6 mos & \$1,000
2-4 ozs: 0-1 yr & \$2,000
4 ozs-5 lbs: 2-10 yrs & \$5,000
5-50 lbs: 2-20 yrs & \$10,000
Cultivation/Sale: Under 2 ozs: 0-1 yr & \$1,000
Over 2 ozs: Same penalties as for possession
Texas also has strict mandatory minimum sentences for amounts over 50 lbs, and sale to minors.

Utah

Possession: 0-6 mos & \$300
Cultivation/Sale: 0-5 yrs & \$5,000

Vermont

Possession: Up to .5 oz: 0-6 mos & \$500
5-2 ozs: 0-3 yrs & \$3,000
Over 2 ozs: 0-5 yrs & \$5,000
Cultivation/Sale: Any amount: 0-5 yrs & \$5,000

Virginia

Possession: Up to 5 lbs: 0-30 days & \$500
Cultivation: Up to 5 lbs: 0-30 days & \$500
Over 5 lbs: 5-30 yrs.
Sale: Up to .5 oz: 0-1 yr & \$1,000
5 oz-5 lbs: 0-10 yrs & \$1,000
Over 5 lbs: 5-30 yrs

Washington

Possession: Up to 40 gms: 0-90 days & \$250
Over 40 gms: 0-5 yrs & \$10,000
Cultivation/Sale: Any amount 0-5 yrs & \$10,000

West Virginia

Possession: Up to 15 gms: conditional discharge
Over 15 gms: 90 days-6 mos & \$1,000
Cultivation/Sale: Any amount: 1-5 yrs & \$15,000

Wisconsin

Possession: Any amount 0-30 days & \$500
Cultivation/Sale: Any amount: 0-5 yrs & \$15,000
Madison: possession: 0-\$100

Wyoming

Possession/Cultivation: Any amount: 0-6 mos & \$1,000
Sale: Any amount 0-10 yrs & \$10,000

No. 6

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COMIX



MAY • 89

YOU'LL SCREAM

as Michael Weldon

reviews more fanzines!

YOU'LL GASP

when you see the
Hound's CD picks!

YOU'LL FREAK

at Chef Ra's Hip-a-delic
Campfire Cookout!

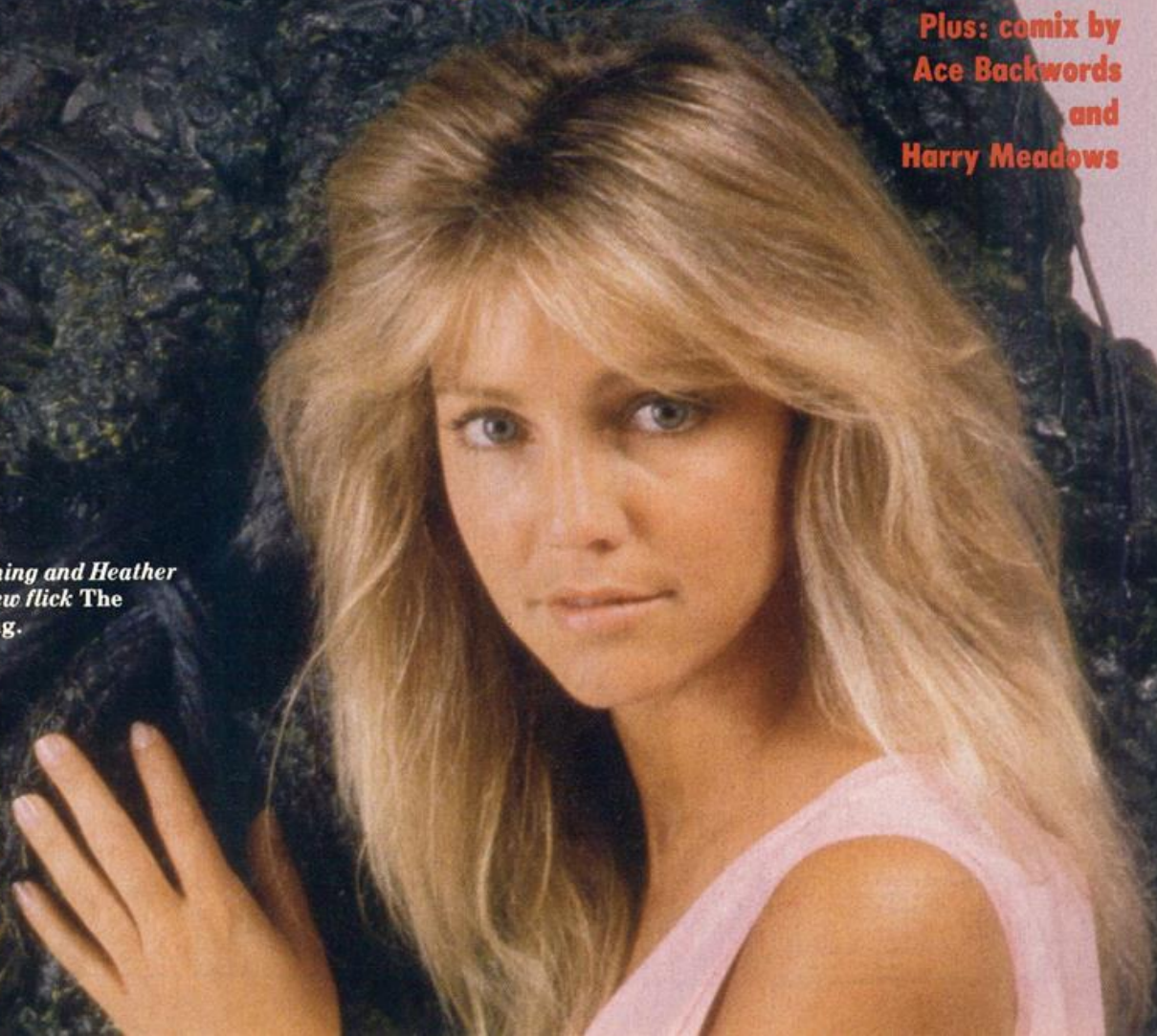
YOU'LL FLIP

over the latest
wacky trading cards!

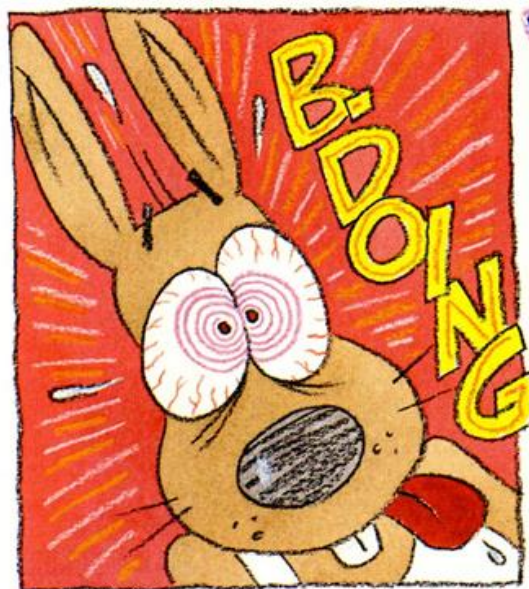
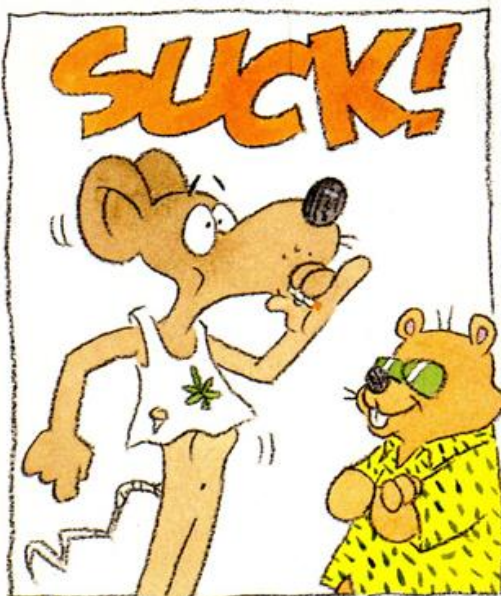
HE'S BIG! HE'S GREEN! HE'S STICKY!
HE'S SWAMP THING!

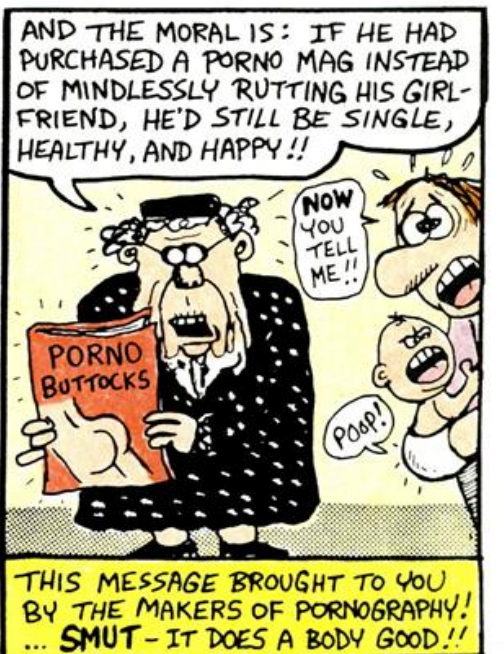
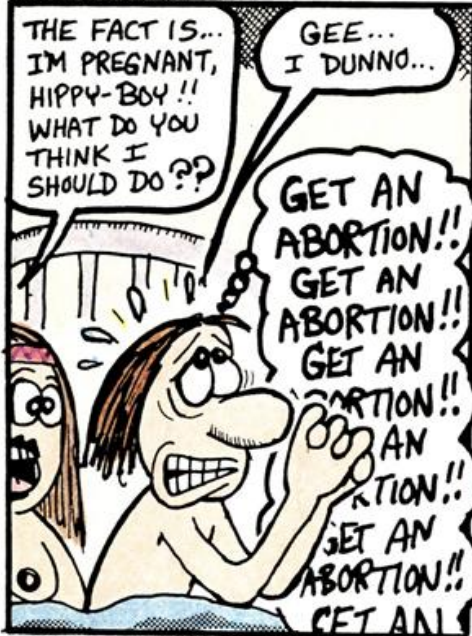
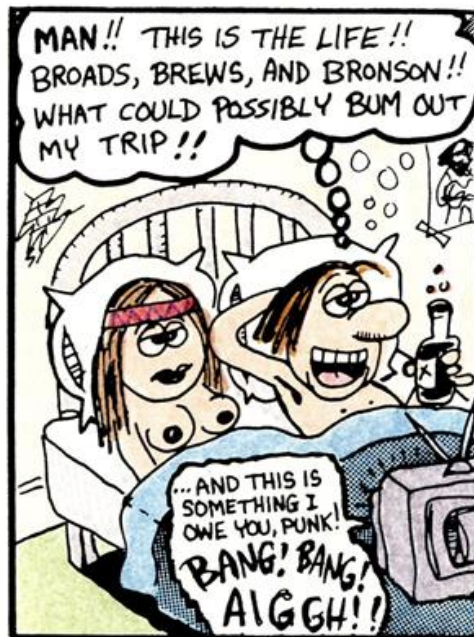
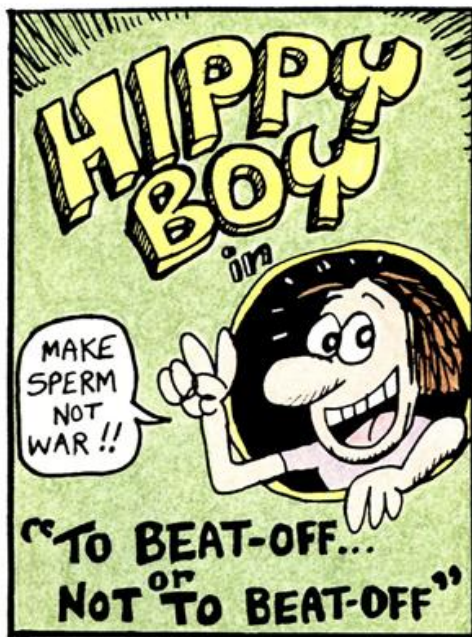
Plus: comix by
Ace Backwords
and
Harry Meadows

*On the cover: Swamp Thing and Heather
Locklear, stars of the new flick The
Return of Swamp Thing.*



REEFER RODENT





MONSTER PLANTS RULE!



Swamp Thing—the HIGH TIMES monster plant of the month.

By Buford Bosko

I guess when movie publicists see stories like "How To Grow Monster Plants" and "Cloning For Sex" in HIGH TIMES, they think our readers want to watch movies like *The Return of Swamp Thing*, where pretty women fall in love with bog monsters that are half plant/half human.

Jonathan Marder, the film's publicist here in New York, called me up and insisted that I see this movie. He figured any movie featuring a new-age plant store owner who talks to her plants, likes them better than humans, and ends up falling in love with a bayou bog monster who's half-plant, half-human, would be of special interest to all of you HIGH TIMES readers out there. I figured that calling up a drug magazine to publicize a film is courageous enough in itself, considering today's political climate. So I saw the movie.

I ended up enjoying *The*

Return of Swamp Thing. There are some hilarious bits featuring genetic engineering gone mad, like the cockroach/human hybrid, some funny characters, like the evil commandos who like to show off their scars, and some good special effects. There's even a scene where Heather Locklear and Swamp Thing eat a psychedelic plant and have sex. (At least, I think that's what they did, or what *they* thought they did—something like that.)

Jonathan Marder also told me that because Swamp Thing "protects the green and defends the natural resources and beauty of our planet Earth," that HIGH TIMES readers would really like this movie. Who knows? Maybe the guy is right. Maybe you readers out there will enjoy *The Return of Swamp Thing*. If you do, drop me a line, okay? I'll review the *next* movie about monster plants, plant monsters, or whatever. ●



Can Heather Locklear find true love with a monster plant? Does she clone for sex?

In past issues of HIGH TIMES, I've told you about 27 independent movie fanzines and newsletters available through the mail. Here are ten more you might enjoy (and I haven't even gotten around to all the ones from England yet).

There has been a fanzine called *Grind* around for about a year. Now there are two



new ones called *Grindhouse*, both from New York State. One *Grindhouse* is eight pages of illustrated movie and record reviews, plus articles on such topics as John Waters and the history of mixing animation with live action. Reviews range from "The Cross and the Switchblade" and "Damaged Lives" to the recent Ramones compilation album. It's only two issues old—editor Vincent Basilicato hopes to put out four issues a year, but says don't subscribe. You can get a copy by sending 50 cents or two postage stamps to him at 159 McDole Rd., Ellenville, NY 12428.

The other *Grindhouse* is about the same size and is also only two issues old. This one has no illustrations and is hand-printed on unlined paper, so it's kinda hard to read. It's also probably the most juvenile fanzine of them all. J. Adler's review of the recent "Hellbound" ends with "The dickheads who helmed this excrement should have their hairy assholes fried on a skillet." A subscription is \$5 a year, c/o S.L.P., PO Box 7460, Grand Central Station, New York, NY 10163.

The much more old fashioned *Phantasm* is a real, (small-sized) 48-page magazine. Boris Karloff is on the cover of number one. There are articles about Lon Chaney, recent voodoo movies, and "The Old Dark House" ("32). The writing is more scholarly than most of today's fanzines, and the photo reproduction and paper stock are both high quality. Two issues have been published so far, at \$3 each. A subscription

is \$10 for four issues. If you want more info, write to Jack Brent, PO Box 8505, Albany, NY 12208.

Sprockets has been around for five issues. The only copy I have (#5) is 52 pages long and has a cover story about Tanya Roberts (!). Besides more than you probably want to know about the former Charles Angel's career, you get an amazing 56 movie reviews (from "Women's Prison Massacre" to "Northville Cemetery Massacre"), plus book reviews and other information. Published only once a year, copies are available for \$3.95 each from Martin Klug, 3745 Lindell Blvd., #906, W. St. Louis, Mo 63108.

Video Voice recently published a 24-page anniversary issue (#9), which had an insert with the music to the "Video Voice Theme", movie and video reviews, a Godzilla article, and (believe it or not) a three-page interview with me (done before I launched my own *Psychotronic Video* magazine). It comes from my home state, but even if it didn't, I'd say that it's a good, well-rounded 'zine and I loved that Weldon interview. Issues are \$3 each from Timothy Paxton, MPO Box 67, Oberlin, OH 44074-0067.

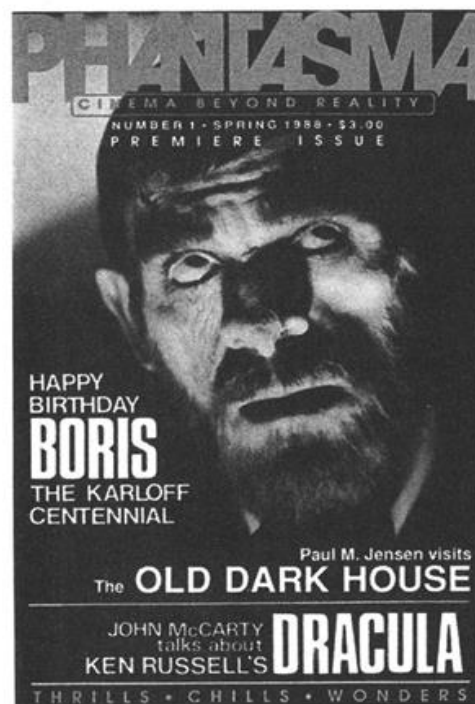
I've already covered some 'zines from Australia. Here's one from New Zealand called *Violent Leisure*. The newest issue I've seen (#3) is ten pages of reviews including "Black Gestapo" and "The Mutilator" and shows its punk roots with a

cover story about "Why Vomiting is So Much Fun" (it's illustrated, too!). The editor is Ant Timpson, and correspondence to him should be sent to 22 Marama Ave., Epsom, Auckland, New Zealand PH 601 405. Ant makes it clear that he's "not Australian!", but doesn't make it clear how much issues are. I do know that postage that far is pretty high, so if you order a sample, send a few bucks.

Some fanzines are more specialized: *Spaghetti Cinema* has been around for at least 26 issues and covers Italian westerns, musclemen epics, cannibal movies, sex movies, soundtracks, even "The Last Emperor." The issue I have is 50 xeroxed pages and is well worth the \$4 cover price (add \$1 for postage). A subscription is \$20. Write to William Connolly, 6635 Delongre #4, Hollywood, CA 90028. Connolly also finds time to publish *Martial Arts Movie Associates* (MAMA), now up to 12 issues. Similar to his *Spaghetti Cinema* but thinner (18 pages), this fanzine is excellent for anybody who wants to know more about Asian action movies since it features long multi-part articles on stars like Jackie Chan. Single issues are \$2.50; a subscription for four issues is \$8. Write to the above address.

Westerns All' Italia is solely devoted to spaghetti westerns and is full of articles about Clint Eastwood, Lee Van Cleef, composer Ennio Morricone, and reviews of many obscure movies and soundtracks. A xeroxed quarterly that's been around for 22 issues, it holds a wealth of info. Send a buck for a sample to Tom Betts, PO Box 25042, Anaheim, CA 92825.

And now for the oddest and most unique of the bunch—*Murder Can Be Fun*. This is not a movie fanzine, although editor John Marr reviewed movies in early issues. It comes out on a regular basis (in addition to unnumbered special issues), and the newest is 32 pages. They all seem to have different prices. Issue 9/10 features The Karen Carpenter Story ("She's skinny. She's sexy. She's dead.") and a documented history of an American family of morons and imbeciles, traced back to 1776. (It's \$1.) *Anti Sex Tips For Teens* (\$1.25) is a great guide to teen sex books written by such notable authorities as Dick Clark, Pat Boone, and Connie Francis. *The 1989 Datebook* (\$2) features real life tragedies, killings, and disasters—one for every day of the year—plus celebrity quotes ("The last Christian died on the cross"—Friedrich Nietzsche). Back issues and more info are available from John Marr, Box 640111, San Francisco, CA 94109. ●



HOUND'S EYE

by JAMES MARSHALL



The Beach Boys (where's Brian? With the horse, mebbe...).

More useless CD trash: Christ, I must be bored stiff, it being February and me being holed up here in New York with an ever-mounting pile of these ridiculous CDs which I still hate (and would trade in a second for a scratchy pile of old Chess, Meteor, Aladdin, Vee Jay, or Sun 45s), but I might as well pass on this worthless information to you stoned readers and righteously earn my \$150 this month.

BEACH BOYS JAPANESE CDs

The domestic Beach Boys CDs I've heard are pretty much trash, but the Japanese issue of *Pet Sounds* (rumored to be heavily deleted, but who knows...) is sonically astounding and includes previously unissued cuts—the legendary "Hang On To Your Ego" (which turns out to be the instrumental track to "I Know There's An Answer" with a different vocal and lyrics), some weird acappella vocal track, and Brian Wilson asking the engineer if he can bring a horse into the studio! It's a far cry from the days when Capitol put out Brian's masterpiece in ridiculous "duo-phonic" (reprocessed stereo) sound. Those willing to go financially overboard to increase the clarity and decibels of their Beach Boys collection might want to look for the Japanese double CD set *Twin Best*

Now—40 tunes presented in their original form (be it stereo or mono) with many bizarre sound revelations (off-mike chatter over the intro to "Do It Again", etc.).

BO DIDDLEY—*Bo Diddley is a Gunslinger* Chess/MCA

For the first time in over 20 years, Chess has reached into their Bo Diddley catalog for unreleased gems and found two good ones ("Working Man" and "Do What I Say") for inclusion on the CD of *Gunslinger*, an otherwise straight repackaging job of Bo's fantastic fourth LP. Soundwise it's nice, but Bo Diddley just sounds better (dirtier) on record, so unless you just gotta have these two unissued gems, stick with the wax—that includes the Japanese P-Vine *Best of Bo Diddley*, a 27-song repackaging with a great cover photo

and perfectly perfect (too perfect) sound quality that despite itself fails to excite me as much as an old web-top Checker 45 would.

ROLLING STONES BOOTLEG CDs

Following the success of the *Rare Beatles Trax* CDs (undiminished studio masters bootlegged on CD), the same folks have given us the first taste from the Stones vault with *On The Rocks*, which features 14 studio outtakes from the *Beggar's Banquet* and *Let It Bleed* sessions. You get two never-before-heard versions of "Sympathy For The Devil", Mick singing "You Got The Silver", "Goodtime Women" (an embryonic version of "Tumblin' Dice"), and more, most of it amazing studio quality.

There are also two incredible sounding shows from their marathon post-*Exile On Main St.* tour. *Live in Perth, Australia* is a full Stones show on one CD (sound quality beats out any legit Stones live LP, and the song selection can't be beat). *Brussels Affair 1973* is another complete show that suffers from the inclusion of crummy *Goat's Head Soup* tunes, but it also includes their most brutal rendition of "Midnight Rambler" ever. Rumor has it that much earlier material will soon be appearing, including many 1966-7 European shows never before heard.

TRAVIS WAMMACK—*That Scratchy Guitar From Memphis* (Bear Family, West Germany)

I bought this expensive 21 track bugger because it's only available as a CD but it's everything a CD oughta be. 21 tracks, 12 previously unreleased, in beautiful mono and stereo from the original session tapes. Wammack was a killer early '60s guitar instrumentalist whose style falls somewhere between Link Wray and Lonnie Mack. Originals like "Scratchy" and "Distortion" are tonalization classics and his brutal renditions of "Louie Louie" and "Night Train" put him in league with the Sonics for sheer snarling class.

LESTER YOUNG—*The President Plays*

Generally speaking, much more care seems to go into jazz CDs, especially this classic. In addition to great sound on this totally stunning 1952 session that captures some of the Pres' finest and most soulful playing (with the Oscar Peterson Trio), you get four unissued selections from the same dates, the biggest thrill of all being Lester *singing* "It Takes Two to Tango," two takes worth—total time 62 minutes. *This* is what you need a fucking CD player for. ●

RASTA RECIPES

by CHEF RA



"April showers bring May flowers, and all the ganja seeds that were sown by Johnny Potseed, compete with all the weeds, to germinate with ease, so in the fall there'll be gonzo buds for all!"

Spring is here and Chef Ra's testosterone is flowing like a raging river! It's time to pack my rucksack and fishing gear and get back to nature! I'm aware that most of my readers live in the vast urban landscapes of the world. They've had little chance to reach out, understand, and touch the simple beauty of the rural environment and learn how important it is to love and respect the earth's wonderful ecology. Country roads are gonna take us home, and we're going to be tripping all the way back to the river! This article will give you a simple introduction to the joys of "primitive camping," and turn you on to one of Chef Ra's famous campfire burnout recipes! Camping is a cheap and funky way of having a freaky-decky party in the woods—fuckin', freakin', and fishin' in the great outdoors!!

Finding the Right Place to Trip out

When you choose a camping location, try to pick a place which is out of the

Middle American Winnebago Wonder-World. You won't want to camp in parks with these folks; they won't want to deal with your trippin' ass, either! Try to plan on weird days of the week (like Sunday thru Thursday) because the Babylonians and rangers won't be around as much. One year I went on a catfishing trip on the Mississippi River near Nauvoo, IL. It was a weekend and we had a large group of freaks led by a pair of river rats named J.R. and Van B. We took a Mississippi River boatride on a tourist boat called the Adie-May. It was packed full of rednecks and plenty of local "color" (but Ra was really the only color on board!). When we showed up, they all just stared at us, but hell, there were 20 of us so we didn't give a damn! We walked up to the top deck and joined all the locals! We all popped open a few PBRs (freakspeak for Pabst Blue Ribbons) and I decided to fire up a few buds (and I don't mean weiser)!! The whole freakin' group fired up about ten doobies and the boat was smokin' like an old Mississippi Steamboat should! Boy, the "straight folks" started runnin' for the bottom deck!! The captain of the boat just shook his head and laughed!! But

remember to freak out on the off days; it might take away some of the hassle.

Basic Gear for a Hip Trip

You don't need a lot of expensive gear to do basic fair weather camping. Here is a simple list of things you'll need.

1. All happy Ra campers need a basic Bucky Fuller dome tent. Cheap dome tents can be found for about \$30. Freaks have always loved dome tents because you can see the stars at night through the mesh top; they also provide great room to fuck doggie style! Yum! Yum!

2. Bring plenty of socks, t-shirts, boots, swimwear (but get naked whenever possible), jeans (leave the designer bullshit at home), and plenty of tie-dyes, so when you get high and start climbin' trees the hunters won't mistake you for a squirrel.

3. Insect repellent. Important! It keeps ticks and mosquitos out of places where the sun don't shine!

4. Bring your fishing gear, camera, hiking gear, or anything you like to play with! Go out and hunt for mushrooms (Morrels or Magic, but MAKE SURE YOU KNOW WHAT THE FUCK YOU'RE LOOKIN' FOR, BECAUSE YOU COULD KILL YOURSELF EATIN' POISON 'SHROOMS!).

5. Bring smokin' dope! It brings out the green in the environment. You'll also need it for Chef Ra's Hip-a-delic S'mores!

Chef Ra's Hip-a-delic S'mores

- 1/2 stick of butter
- 1 box of graham crackers
- 4 8-oz. bars of chocolate
- 1 bag of marshmallows
- 1 jar of chunky peanut butter
- 1/4 oz. of fine sinisi

Take the sinisi and mix it into the melted Chef Ra Puna Butter. The half stick of butter should be melted slowly in a double-boiler pan, with water surrounding the heated butter pan over the campfire, for about 10 minutes. After the butter is done, take a brush and spread butter over one graham cracker. Spread a little peanut butter on the cracker, then a 4 oz. piece of chocolate; then put two marshmallows on top of the chocolate. Coat another cracker with Puna Butter, put the crackers together, wrap in some tin foil, and heat over the campfire (turn the cracker in the foil over and over while heating so it won't burn). It should be one melted high delight in just a couple of minutes. Enjoy the traditional Girl Scout treat with a Chef Ra twist! After you eat these, the stories around the campfire get wild! Get high in the woods! ●



CAPT. WHIZZO

DON'T LEAVE HOME WITHOUT 'EM!

From the poison pens of Paul Brancato and artist Salim Yaqub come **Iran/Contra Scandal Trading Cards** (available for \$7.95 from Eclipse Comics, Box 1099, Forestville, CA 95436), featuring 36 characters from the soap opera that made Fawn Hall the most popular secretarial slag since Liz Ray. They're all here, from green-around-the-gills CIAsshole William Casey, to Valium vacuum Robert McFarlane, to those cocaine cash cows of the Medellín Cartel. Satirically rendered in full color, the cards have all the stats on the back—who donated money to the contras (beer baron Joseph Coors, who gave 'em \$65,000), who took the falls (Eugene Hasenfus, found guilty of invading Nicaraguan airspace while flying guns to the contras and later pardoned by Bush's good friend Daniel Ortega), and who resigned in wake of the resulting scandals (Ed Meese).



The perfect gift for those who take organized religion with a pillar of salt is a set of **Death Cult Jonestown Massacre Memorial Cards** (\$8 ppd in the US or \$10 ppd overseas from Carnage Press, Box 301, W. Somerville, MA 02144), a tacky and terrific collection dedicated to the legacy of everybody's favorite maniac of the cloth, Rev. Jim Jones. Artists such as Kaz, Savage Pencil, Mark Mothersbaugh, and Gary Panter cover life in Jonestown, from the punishments ("Scolded & Whipped," "Beaten with Canes") to the refreshments ("Spiking The Kool Aid," "Babies First") and beyond ("Swelling Corpses") in startling black and white. Already in its second printing, this boxed set of 39 cards comes with a guide to the artists, a sticker featuring JJ's amphetamine mug; the backs of the cards even form a poster! So pick up a set today—'cuz those who do not remember the past are condemned to repeat it!

—Eric Danville



Ladies and gentlemen, boys and girls! Step right up! **Freakards: Portraits of Peculiar People** (\$9.95 at your local comic shop or \$11.95 ppd from Shel-Tone Publications, PO Box 45, Irvington, NJ 07111) showcase sideshow freaks of all sizes, shapes, and deformities! These 48 black-and-white photo cards (with biographies and Drew Friedman graphics on the back, plus that ever-important checklist!) recall your favorite hunks of human hamburger in all their gory glory—Siamese twins, bearded ladies, flipper men, they're all here. From classics like Zip the Pinhead and Jo-Jo the Dog Faced Boy to more specialized performers like the Great Waldo (who swallowed live mice and regurgitated them at will) and Rasmus Nielson (who lifted weights attached to rings through his nipples). Not for the faint of heart, these have to be the most demented trading cards ever, right? Wrong!



BEHIND THE SCENES AT THE TOP 100 NORMLTHON

TOTAL SO FAR: \$2300.00

I'M TIRED OF SAYING IT, BUT IF JUST ONE HALF OF YOU READERS SENT IN ONE DOLLAR APIECE, WE'D RAISE A HUNDRED THOUSAND DOLLARS EVERY SINGLE MONTH!

↑ A SMALL PRICE TO PAY FOR LEGAL POT!

HI! JUST THOUGHT I'D GIVE YOU A SNEAK PEEK AT THE NORMLTHON HEADQUARTERS, HOME OF THE TOP 100!

ANOTHER COMPLAINT... THIS GUY HATES THE SEXIST REMARKS AND PARTY HOUSES ON THE TOP 100 LIST...

IF YOU AGREE WITH THIS GUY - VOTE!

ALSO THINKS ROCK GROUPS SHOULD BE #1

HMM... GETTING LOTS OF COMPLAINTS ABOUT HOW BROKE YOU ARE... YOU'D LIKE TO GIVE TO THE NORMLTHON, BUT-

SORRY, PAL, BUT THAT'S THE PRICE WE PAY FOR FREEDOM OF SPEECH AND FREEDOM OF THE PRESS!!!

LISTEN! NO MATTER HOW POOR YOU ARE - CAN'T YOU SEND IN JUST ONE SINGLE DOLLAR BILL?

SHOW SOME TOLERANCE! HOW CAN WE EXPECT TO LIVE IN A BETTER WORLD WHEN PEOPLE LIKE YOU GET ALL UPTIGHT ABOUT A STUPID JOKE?

HEY-THIS JUST CAME IN-A LETTER FROM THE MINNESOTA GRASSROOTS PARTY-WOW! A HUNDRED BUCKS! AND A LETTER... WHAT'S IT SAY...

↑ THEIR VOTES APPEAR NEXT MONTH!

DEAR ED + THE FINE FOLKS AT H.T., THE FOLKS OF THE U OF MINNESOTA NORML, ALONG WITH THE STATE CHAPTER, RECENTLY HELD A NORMLTHON PARTY. WE WANT YOU TO ENCOURAGE YOUR READERS - IF THEY ARE TOO CHICKENSHIT

THAT THEY CAN'T SUPPORT NORML ON THEIR OWN, THEN DAMNIT HAVE A PARTY FOR EM. THIS WAR IS GETTING WORSE AND NORML IS FIGHTING FOR ALL OF US. KEEP THE FAITH!

PEACE, TIM DAVIS MINN-NORML

WOW! WHAT A NICE LETTER! HEY! HUNDREDS OF YOU HAVE SENT IN MONEY SO FAR- THANKS! KEEP UP THE GOOD WORK!

1. **LEGALIZE IT**
2. **NORML**
3. **THE FORT**
4. **HERB'S DUNGEON, S.I. NY.**
5. BEING CONSTANTLY STONED AT ALMA COLLEGE
6. **SEX**
7. ONE MONTH UNTIL THE **HASH BASH** APR 1
8. MINNESOTA GRASSROOTS PARTY
9. **GRATEFUL DEAD**
10. **SAVE THE RAINFORESTS!**
11. CHRIS + GREG'S **ULTIMATE PARTY HOUSE** THE ORIGINAL
12. **WOODSIDE WRECKING CREW**
13. **Led Zeppelin**
14. **Kelly Bundy**
15. **PINK FLOYD**
16. **BONG HITS** ↓
17. **SEX ON ACID**
18. **BONG HITS DURING THE BUNDYS**
19. **WAKE + BAKE**
20. **SNOW BONGS**
21. **DIEHARD DEADHEADS**
22. KAREN + ROB'S **AxPx BxTx** AMERICAN PIT BULL TERRIERS
23. **HEATHER + HEIDI** FROM S.L.S.
24. **SLAYER** THE BAND FOR ANYONE WHO "THRASHES"
25. **HEMP FOR VICTORY**
26. **ASK ED**
27. **JIM MORRISON**
28. **SAY NO TO PORITOS**
29. Freedom + democracy
30. **JIMI ♥ S MICHELLE**
31. 102.7 **WNEW.FM NYC #1**
32. MICHIGAN ZEEB HAS SPINE TORN OUT BY A POSING PREDATOR ON 12 HITS OF ACID
33. **THE CURE**
34. **Rude Dude**
35. **THE INN** 1909 7th St., CHARLOTTE, NC.
36. **Jack Daniels**
37. CHRIS + GREG **DRINK MILK!!**
38. **Magical Oils**
39. **CICKONE YOUTH**
40. **SHELLY + ERNIE RAPPING ABOUT LSD TRIPS WHILE EATING AVOCADO SANDWICHES**
41. **RUSH**
42. **true love** (NONE OF THAT STUPID BULLSHIT LIKE SEX)
43. **MY VERY OWN KGB**
44. **JIMI HENDRIX**
45. **J. DANFORTH QUAYLE** (MIDNIGHT TOKER)
46. **EXPLODING SEEDS**
47. **CALVIN + HOBBS**
48. **DOSE A YUPPIE PIG!**
49. **BONG HITS AT PALACE**
50. **N2O BONG HITS**
51. **ΩΦΑ** (A POT SMOKING FRATERNITY)
52. **"DOG" THE CAT**
53. **PARTYING 'TIL YOU DROP**
54. **VICKI HOWLETT-THANK YOU** (MY TOTALLY BEAUTIFUL HYPNO-THERAPIST)
55. **DOSE BUSH**
56. **REGGAE AT SUNSPASH '88** (JAMAICA)
57. **DEAN LATIMER-A GUY WITH BALLS**
58. **JERRY GARCIA**
59. **LIBERTARIAN PARTY-VOTE FREEDOM**
60. **BONG HITS BEFORE CHURCH**
61. **THE ORTEGA** IT'S NOT JUST A HIGHWAY- IT'S AN ADVENTURE
62. **GREAT! SEX WITH LYNN MW**
63. **DAVID + DONNA'S** THE ULTIMATE PARTY HOUSE
64. **BONG CITY**
65. **THE BULLDOG CAFE** IN AMSTERDAM WHERE THERE IS A BONG ON EVERY TABLE NEXT TO THE NAPKINS + SALT + PEPPER + ASHTRAY. LET'S HEAR IT FOR SINSEMILLA FOR 25 GUILDERS!!! LET'S HEAR IT FOR THE US ARMY WHO MADE IT POSSIBLE FOR US TO GO TO AMSTERDAM! A BONG ON EVERY TABLE!
66. **1960s MUSCLE CARS**
67. **THE DOORS**
68. **X-RAY VISION**
69. **SKIING STONED**
70. **HIGH SCHOOL SUCKS!**
71. **MILK**
72. **PLAYING JUMPMAN JR.** WHILE DOIN' FOUR-FOOTERS
73. **tie dye my toyota**
74. **WIDESPREAD PANIC**
75. **JERRY'S KIDS** (THE DEADHEADS)
76. **Sprouts**
77. **BUDAFIED**
78. **SHARON + DAVE** TYING THE KNOT
79. **OZARK RED BUD** (SO SWEET)
80. **ROGER WATERS** (THE REAL PINK)
81. **FIGURING OUT THAT THERE'S NOTHING TO FIGURE OUT-THEN FORGETTING WHAT YOU FIGURED OUT (LSD)**
82. **THE CHILDREN OF THE FLOWER CHILDREN**
83. **MAKING FUN OF WENDY** AT MADISON POTFEST '88
84. **MAD MAGAZINE AFTER BONGIN'**
85. **STICKY BASEBALL BUDS**
86. **FOLLOWING BUD** GOOD TO MR. BIG
87. **watching surfers while stoned**
88. **FISHNET STOCKINGS AND HIGH HEELS**
89. **DANCING**
90. **69ING WITH MY GIRLFRIEND WHILE LISTENING TO PINK FLOYD'S "ECHOES" AFTER MASSIVE BONG HITS!**
91. **THE PRISONER**
92. **FUN AND BLINDNESS**
93. **Woody Allen**
94. **JANE FONDA IS A COMMUNIST SLUT!**
95. **DON'T DRINK + DRIVE- YOU MIGHT HIT A BUMP AND SPILL YOUR DRINK**
96. **NEVER FEAR- THE BUD'S HERE**
97. **DINO THE DINOSAUR**
98. **THOSE LITTLE WHITE PIECES OF PAPER IN MY STASH**
99. **EUGENE CHADBOURNE**
100. **PRISCILLA PANCAOST** (I STILL LOVE YOU)

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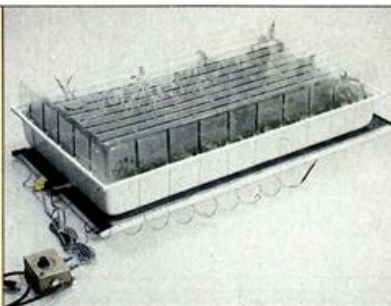
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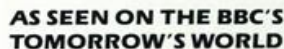
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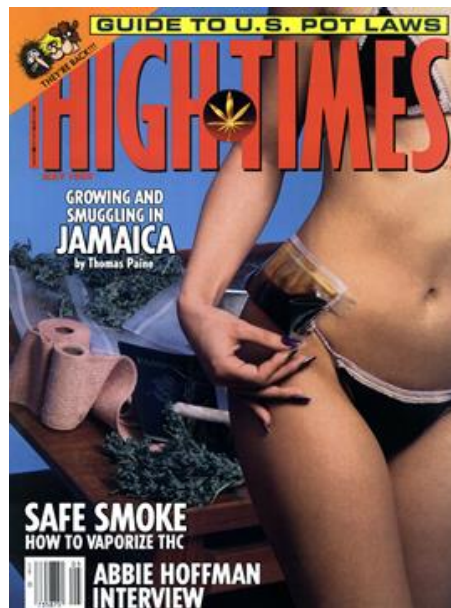
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